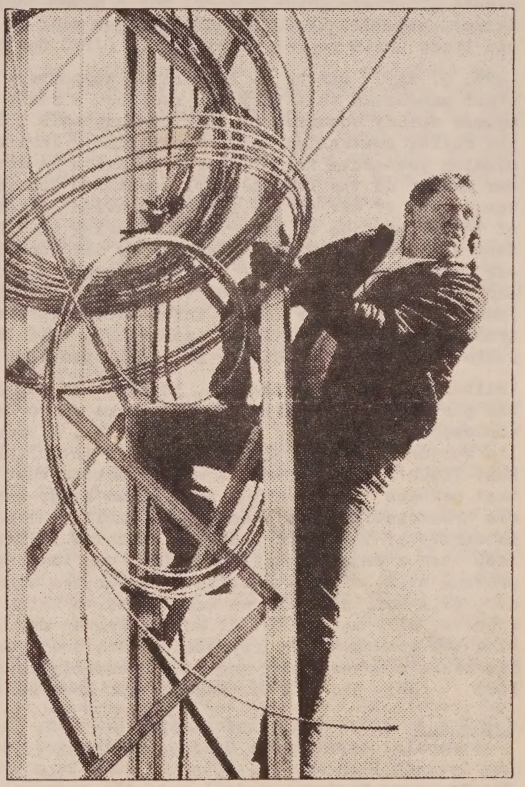
REVIEW OF INTERNATIONAL BROADCASTING



AMERICA'S NEXT SHORTWAVE STATION? See pp 26-27. Phil Shiver, lessor of site land on Chatsworth Pk

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-via FBIS
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Robert Horvitz

EAST TIMOR/AUSTRALIA (Tempo, Lisbon, 30 May) "From the blue mountains of East Timor, and with the deepest emotion (...) I greet with redoubled confidence the people who have unselfishly been supporting the just cause of the people of Timor." Thus began the message read through the microphones of Radio Maubere by the Falintil commander, Xanana Gusmao, in a 45-minute broadcast on 19 April. It was the second time since 26 January that the Timor guerrillas broadcast abroad, as FRETILIN /Revolutionary Front for East Timor Independence/ claimed this week at a press conference. Speaking on behalf of the organization, Abilio de Araujo /said that/...the transmitter in the hands of the Maubere patriots entered the territory during the second half of last year. It is mobile, has a range of 1000 miles and completely covers the entire Pacific area where the territory of Timor is located. In other words, it reaches Australia, Indonesia, the Fiji Islands, the Republic of Vanuatu, Papua New Guinea and many other countries in the area. The frequencies are changed constantly, to prevent interference, and it has a "twin" in Sydney, Australia, which the government has threatened to hunt and seize.

Radio Maubere, whose first transmission during this "experimental phase" took place on 26 January, having then carried an air "raid" made by "Tiger" and "Bronco" aircraft (the taping of the over-flight and subsequent bombing is clear), was, however, used this week (it broadcasts for 45-minute intervals twice a week) for a press conference in Australia, in the mountains north of Sidney, attended by 22 journalists, as well as prominent Australian government representatives and trade union representatives... (JPRS Southeast Asia Report, SEA-85-107)

(AFP, 27 May) Darwin -- Australian supporters of the East Timor independence movement last night announced that they had reopened a radio link with Fretilin guerrillas in the former Portuguese colony occupied in 1975 by Indonesia. The Australian sympathizers, including members of the ruling Australian Labor Party (ALP), invited media representatives to witness a radio transmission yesterday from a secret location in the bush about 100 kilometers south of Darwin. Former member of the federal Parliament Ken Fry relayed a message to Fretilin from Shirley Shackleton, widow of one of the five Australian journalists shot dead by Indonesian troops at the time of the occupation of East Timor. During the 40-minute radio link with member of the Fretilin Central Committee Mauhunu Karatainu, the guerrilla leader played a tape recording of an alleged air raid on an East Timor village 3 weeks ago. Contact by radio between Australian sympathisers and Fretilin forces was lost in December 1978 when the guerrillas' radio was surrendered to the Indonesians by their former Information Minister Alarico Fernandes... A spokesman for the Australian Coalition for East Timor (ACET) said the Australian sympathisers had been making two-way radio contact with Fretilin at a set time each week since 6 January... (SEA-85-095)

(Editorial, The Jakarta Post, 30 May) It would appear that there is still a hardcore of obstinate parties in Australia who have some way or another managed to totally isolate themselves from contemporary reality. We are referring, of course, to the recent reports about a group of Fretilin supporters who claim they have re-established radio contact with their ilk in the wilds of East Timor. That Australia still harbors such misguided people is bad in itself, but reports that members of the ruling Australian Labor Party were involved in a furtive radio link with rebels broadcasting from Indonesian territory were simply dismaying, and lead us to wonder about the integrity of the Labor Party as a whole... This newly-established radio link constitutes nothing less than a major interference into our internal affairs which casts a pall over the recently improving state of relations between our two countries. Australia's recently-arrived new ambassador, Bill Morrison, who we would like to think was just as shocked as we were about these recent reports, will have a lot of explaining to do...trying to elucidate why members of the party running the government he represents here are openly engaged in activities which grossly violate Indonesia's sovereignty and could possibly lead to threats to our national security... (SEA-85-100) /RH: see RIB 54, Aug 81, for more on this station's early days/

INDIA (Diplomatic Information Service, Delhi, 26 July) All India Radio proposes to set up a commercial service for Gulf countries and strengthen its external broadcasting service during the Seventh Plan Period. Stating this in a written reply in the Rajya Sabha, Information and Broadcasting Minister Gadgil said the commercial service will have 2 shortwave transmitters of 250 kw each. He said a scheme to set up two or more 250 kw shortwave transmitters at Delhi and another two 500 kw shortwave transmitters at Bangalore is going on which is expected to be completed by 1986-87. (TTP-85-021)

(AIR Domestic Service, 5 Aug) The government has decided to set up a cell to monitor the propaganda coming from across the country's border over radio and television. The cell will devise appropriate material for countering the foreign propaganda and will also make arrangements for disseminating suitable material in border areas. The information and broadcasting minister, Mr V N Gadgil, said this in the Lok Sabha. (TTP-85-021)

IRAN (Radio Nejat-e Iran, 18 July) According to a report by our correspondent, during the

past 1½ months, the agents of the regime in Tehran and other cities have identified 5 clandestine radio transmitters broadcasting messages against the regime of mullahs. They are located in Nowruz, Fars Province; Homayunshahr, Esfahan Province; a village near Zanjan; Alashtar, Lorestan Province; and a village in Baluchestan. Our correspondent adds that out of the 5 clandestine transmitters operating, only 2 - those in Nowruz and Esfahan - have been discovered. According to a post and telegraph department expert in a report to his respective minister, the other 3 are mobile and possibly built inside automobiles. No individuals have yet been arrested in connection with the transmitters.

According to our correspondent, in addition to the bill passed by the Majlis of professional mourners 2 years ago banning the import of shortwave receivers, a bill is currently under review in the Majlis which will make the import of spare parts for radios, even ordinary receivers, subject to approval by and inspection of the post and telegraph department. (Daily Report: South Asia, 24 July)

L I B E R I A (ELWA, Monrovia, 30 July) The head of state, CIC /Commander in Chief/ Dr Samuel Kanyon Doe, has announced government's decision to establish a modern national radio which will reach every corner of Liberia and abroad... Dr Doe pointed out that in spite of the great need to keep all Liberians and foreign residents informed of the day-to-day developments in the nation, government has realized that most of the people residing outside of Monrovia area were not benefiting from programs aired on the national radio.

The Liberian leader said in order to alleviate this situation once and for all, employers and government services as well as public corporations and the private sector will contribute 50% of their August salaries toward the project, while citizens and residents in rural areas are to make a contribution of $10 per hut toward the project... Dr Doe said in view of the importance government attaches to the establishment of this modern national radio broadcasting service, it was very important that those in the rural areas involve themselves in this particular development project that will benefit all of us and those residing within our borders and beyond.

The Liberian leader said in taking this action, government was mindful of the fact that for most Liberians this would mean a real sacrifice. He added that government was equally convinced that this action would serve the long-term interest of all Liberians and foreign residents. He reminded Liberians that the task of developing Liberia could only be done by Liberians themselves and called on everyone to support this national undertaking so that we can develop our national radio to a stage of national pride. Dr Doe further said government will also welcome contributions and assistance from our partners in progress and all those who feel that the establishment of the modern radio station is a (?worthy cause). (TTP-85-020)

M A G H R E B (Bakr Uwaydah, Al-Tadamun, London, 6 April) ...Three weeks ago an Arabic language radio station began transmitting a message to nations of the Arab Maghreb - Morocco, Algeria and Tunisia. The least that can be said about the content and thrust of this message is that they are grave... the message which it transmits to Moroccans, Tunisians and Algerians most simply is an invitation and call for a Jewish holocaust in the Arab Maghreb...

Those in charge of this broadcast call it the "Voice of Vengeance and Sacred Hatred." They do not mention where their radio broadcast originates, but its clear reception on medium wave on an island such as Malta (290 km from the North African coast, toward which this broadcast is aimed) is an indication that is being transmitted from nearby, if not from Malta itself... Transmission time amounts to 4 hours daily, divided into a morning period between 1000 and 1200 hours and an evening period between 2200 and midnight. It is a long and costly transmission. This confirms that a powerful state is bearing these costs. It is not a party, movement or group of adventurists, but a state possessing the financial and technical means, in addition to a library of songs and the broadcasters to enable it to run such an organized radio transmission.

The transmission begins with a recording of bullets raining down (not verses of the Koran, for example). Then the loud voice of an announcer rings out with words which in the beginning do not give any indication of the basic purpose of the broadcast. The opening words are:

"Let the voice of vengeance ring out. Let the sacred hatred blaze out against the Zionist Jews who have occupied our land, appropriated our goods, plundered our resources, burned our sacred things, destroyed our houses, frightened away our parents and killed our children."

There is no objection to these words, for they are directed against the Zionist occupation of Palestine and all its ramifications. However, these words set the stage for something more serious. Measures from the beautiful national anthems come to an end...

"Our brothers in the Maghreb, the Jews in the occupied territory and in South Lebanon are carrying out the most repugnant acts of destruction against your defenseless brothers. Avenge the blood of your brothers. Kill Jews wherever you find them. Tear them apart. Burn them. Disperse them. Throw them out of your houses. Shake the earth from under their feet, because they are wretched murderers..."

This is the case made by the radio transmission 4 hours per day. It is aimed at the Arab Maghreb where Jewish minorities remain. Most of them are in Morocco. A few of them are scattered

between Algeria and Tunisia. It is very likely that no Jews remain in Libya following the mass emigration of Libyan Jews in the aftermath of the angry reaction they faced on the eve of the 1967 June War...

Al-Tadamun asked Murad 'Isa al-Bahlul, PLO representative and chairman of the committee of Arab diplomatic missions in Malta, what he knew about this broadcast. He said, "Three weeks ago this broadcast took us by surprise. We have been receiving it clearly here in Malta. We were surprised when it raised concepts totally contrary to the Palestinian struggle which is not waging its battle with the Jew as an individual. On the contrary, we are waging our battle with the Zionist movement and the Zionist who is occupying our land in Palestine. We in the Palestinian revolution have struggled throughout the past 20 years to prove to the world that our struggle is a humane struggle linked with our legitimate right, not Nazi terrorism, as the Zionist movement has tried to portray it. Then along came this voice and strange propaganda trend. They subvert all the concepts of our struggle... I say that if it is financed by an Arab party and originates in Arab territory, it is a disaster..." (Near East/South Asia Report, NEA-85-087)

SOUTH AFRICA/ZIMBABWE (Stephen McQuillan, Sunday Star, Johannesburg) Radio Truth - the station behind the vitriolic wave of subversive propaganda aimed at Zimbabwe - is distributing a statement of policy. It is the first time a written statement from the station has been uncovered since it started broadcasts in March 1983, say shortwave experts.

Titled "Position Statement - Radio Truth", the document, released in Britain, says: "...We are a Zimbabwe-based organisation, manned by dedicated Zimbabweans... we do not support any specific factions or tribal groupings within our society. Through our own reporters and through friends all over the country, we have access to the truth in all its forms... It is our task to broadcast the facts about Zimbabwe, our neighbours and, where appropriate, the world at large. We will draw conclusions and pass relevant comment, for the availability of constructive criticism is a healthy sign in any country. Since this is denied through normal channels in Zimbabwe, it is necessary to have a clandestine radio station that can fulfil the role.

"We are unashamedly anti-Marxist. We believe this to be an evil and worthless ideology that can only bring disaster to our land. We will expose its ruthless nature, its reliance on force and its utter failure to bring anything but fear, misery and poverty to those countries that subscribe to its principles. We believe fervently in the principles of democracy and the outstanding merits of free enterprise... We deplore violence - whether the perpetrators are government forces or dissidents... We abhor corruption and nepotism in our public life and the declining standards of public administration...

"Once again, contrary to Zanu (PF) mouthings, we are not a relic of colonialism, nor do we envisage white rule ever returning to Zimbabwe. We accept black rule, but we wish it to be just, efficient and democratic. For all these reasons, Radio Truth is opposed to the concept of a one-party State, which conflicts with everything that we stand for..."

The BBC Monitoring Service says Radio Truth transmission are coming from the Transvaal. Local shortwave experts agree. They believe Radio Truth is probably broadcasting from the same site as several other clandestine stations which beam anti-establishment messages into Angola. (Sub-Sahara Africa Report, SSA-85-061)

UGANDA (Focus, Kampala, 11 June) Uganda's National Radio, Radio Uganda, is no longer covering the whole of...the Ugandan territory...thus forcing millions of Ugandans living outside 50 miles radius from the capital Kampala to tune foreign Radio stations, especially those of the neighbouring countries, the British Broadcasting Corporation (BBC), Voice of Germany, and Radio South Africa.

According to an eight weeks on the spot survey carried out by "Focus", people living outside Kampala have complained of not constantly getting Radio Uganda for now almost two years. And when it abruptly comes on air, it is very faint, distorted and hardly lasts on air for a week. Even Kampala dwellers with Radio sets without an FM (Frequency Modulation) band as the majority are constantly in a black out when the medium wave and short bands go off air.

In Kasese, and most parts of Western Uganda, and North Western Uganda (West Nile) people there tune Zairean Radio stations, especially Radio Bunya or Bukavu. Those of Kabale and neighbouring areas in South Western normally tune Radio Kigali and Bujumbura. Yet those in Karamoja, Teso, Toroto, in the East, Kitgum, Gulu in the North their favourable radio stations are Voice of Kenya, and Radio Tanzania. But many of them especially the Youth, enjoy more the music part of broadcast, than the news bulletins and little or no attention to other programmes...

People of early thirties and above complain of too much music over Radio Uganda, a total absence of developmental or educational programmes and inadequate coverage of all events taking place in the country and too much protections inism. /sic/ They also complained of too much patriotic music over Radio Uganda and politicking biased on one party...

At the Ministry of Information headquarters, the constant breakdowns of Radio Uganda services was blamed on the breakdown of transmitters both of short wave band at Bugolobi and Kibira in Kampala and that of medium wave at Mawagga on Mityana Road due to old equipments. But the

breakdowns of these transmitters was also blamed at negligence and lack of responsibility from top executive of the Ministry and frustrations of Junior officers...

On the programmes over Radio Uganda, especially patriotic music, one Radio Uganda top executive said, "This is the UPC government and therefore patriotic music are more important than any other programme, we want to rehabilitate the minds of Ugandans."... (TTP-85-020)

U S S R / J A P A N (R Moscow Japanese Service, 20 April) On 10 April, Japan's Yamate Publishing House put out a book entitled "Red Radio Waves: A Black Book on Radio Moscow." In this connection, Radio Moscow's Tokyo correspondent Igor Vykhukhalev reports the following:

This is the first time a book exclusively dealing with Radio Moscow's Japanese broadcasts and having such a very shocking title has been published in Japan. However, the problem is, of course, the book's contents rather than its title.

The book's coauthors are Mr Masahiro Ito, former Liberal Democratic Party member of the Tokyo Metropolitan Assembly and current Democratic Socialist Party member of the House of Representatives, and Mr Shingo Morimoto, professor at Fukui Institute of Technology and representative of the International Education Research Institute. Both say that they listened to and recorded Radio Moscow for 3 years and then wrote the book...

The fundamental claim that the coauthors of the "Red Radio Waves" clamorously reiterated in the book is that the ultimate purpose of Radio Moscow is to communize Japan. What do they mean by making such a claim? This will become clear if we take a look at the list of Radio Moscow assertions they compiled; that is, a list of what Radio Moscow does and does not favor... Radio Moscow has the right to have its own opinions on international events, including those related to Japan. Radio Moscow also has the right to support opinions and judgments which it considers to be right. Of course, the coauthors in Japan cannot deny this right of Radio Moscow. Then, why is it wrong for Radio Moscow to have expressed its views openly and convincingly?

...In this context, how should we assess the position of the book's coauthors? They appear to have totally lost their common sense, to have been blinded by the fever of reactionism. However, it should be noted that the coauthors have a goal in mind. It is to poison readers' consciousness and secretly infuse their minds with acquired rejection symptoms against all historically proven progressive things and to infuse readers' minds with idol worship for militarism.

We cannot but say that the book's coauthors have gained nothing from Radio Moscow despite their listening to its programs as long as 3 years...

(Igor Vykhukhalev, R Moscow, 6 May) ...I take up the issue of the book "Red Radio Waves" again because a new situation has developed. On Saturday, 20 April, the very day when Moscow Radio broadcast a commentary baring the true essence of this book for the first time, the Moscow Radio-Television Tokyo Bureau received an invitation from the authors of "Red Radio Waves" to participate in an open discussion of the book at issue. With great confidence, the authors said in the letter that, if a correspondent pointed out errors in the book, they would include his view in their next edition. Needless to say, it would be too naive to believe such a thing. I say this because, if that was the case, the book should no longer exist, or, at least, it should be completely rewritten. Despite all this, this correspondent and Moscow Radio Tokyo correspondent Pavel Potapov decided to participate in that gathering...

The gathering was held on 2 May at the Forum at Kioi-cho in Chiyoda-ku, Tokyo. Upon arriving there, I was not surprised to learn that a limited number of representatives of newspapers and journals including Sankei Shimbun, Sekai Nippo, and Shukan Sankei were invited there in addition to the two of us. A representative of Yamate Shobo was also present there. Needless to say Yamate Shobo, the publishing house at issue, is a publisher, specializing in the publication of anti-Soviet documents...

The discussion continued for nearly 2 hours, but it was clear from the beginning that they did not invite us to hear what we had to say. It seems that the gathering was arranged with the aim of publicizing their new, crude, anti-Soviet work and, at the same time bring Moscow Radio into the spotlight again... Instead, the discussion resulted in bringing the authors of "Red Radio Waves" themselves into the spotlight... The discussion dealt not only with the book in question but also with various other subjects - war and peace, nuclear arms expansion and disarmament, problems in Soviet-Japanese relations, and the like. However, the authors of the book readily brought out the vital point. They said that as long as Moscow Radio tries to weaken Japan's war potential and to communize Japan with force of arms, they cannot let it continue broadcasting as it currently does...

The authors of the book are diametrically opposed to basic human freedom and above all, freedom of speech; and they would hiss anyone having views different from theirs, however slight they may be. They not only partially dealt with these subjects to meet their base purpose, but also unabashedly distorted facts... Resorting to flimsy artifice, the book's authors wrote a chapter alleging that through Moscow Radio, Moscow is issuing directives and manipulating international antinuclear campaigns for its own ambitions. The fact is that a directive was issued only to support the peace proposal put forward by US medical scientists. Such cases are numerous

in the works by Ito and Morimoto, but it may not be necessary to take up all of them...

I want to emphasize finally, that "Red Radio Waves" aroused due indignation not only from the Moscow Radio staff but also from Moscow Radio listeners and many other people in Japan, whom the authors of the book try to preach to and imbue with arbitrary, reactionary, demagogic ideology.

This has been the last comment by a Moscow Radio Tokyo correspondent on the Japanese sale of the book "Red Radio Waves". (USSR Report: Political & Sociological Affairs, UPS-85-051)

RH: "Improved Oversight can Reduce Broadcast Violations at Radio Free Europe/Radio Liberty" is the title of a 30-pp report issued last June by the US General Accounting Office. Single copies are available without charge from the GAO Document Handling & Information Services Facility, PO Box 6015, Gaithersburg, MD 20877. In 1982, the Board for International Broadcasting absorbed the functions of RFE/RL's board of directors. This consolidation was intended to tighten management and oversight, to improve compliance with broadcast policy guidelines. Did it? That's what Sen. Claiborne Pell wanted to know. He drafted the legislation changing the oversight structure, and requested this report. Highlights: "RFE/RL broadcasts in 21 languages reaching a combined estimated weekly audience of 50 million. In FY 1984, RFE/RL broadcasted on the average about 1055 hours weekly, of which 365 hours were original programming. RFE/RL employs about 1700 personnel, and in FY 1985 received $108 million in a government grant... management no longer conducts pre-broadcast reviews of RL scripts. That decision was based on the view that pre-broadcast reviews unduly restricted the broadcast services' staffs and did not guarantee compliance since, according to RFE/RL's president, some violations occurred even with pre-broadcast reviews... After a broadcast in August 1984 - which /the Broadcast Analysis Dept, BAD, the unit responsible for reviewing programs for compliance with RFE/RL guidelines/ characterized as anti-Semitic and the most offensive program aired by the Russian Service in 10 years - the RL director issued a directive requiring that all program scripts discussing Jews or Judaism be submitted to him for approval. Two days later, the director repealed his directive, saying that he did not want to interfere with the broadcast services' authority to make programming decisions.

"...BAD has not provided the intended program coverage, and as of August, 1984, BAD had not reviewed most of RL's broadcast services for over a year... The director of BAD said he believed that violations and questionable broadcasts had increased in 1984. Several BAD analysts said they believed that violations were up both in numbers and severity... RL's Russian Service was cited most often for violations or questionable broadcasts... RFE's Polish Service was the second most frequently cited service... We also found several cases where broadcast service directors were unaware that BAD had cited violations against their services because management did not bring the violations to their attention...

"We discussed the broadcast by the Solidarity Abroad organization over RFE's Polish Service with the RFE director. The director agreed that this broadcast violated the guidelines and told us he reprimanded the broadcast service director and took the program off the air. However, the Polish Service director told us this program was still being aired...

"According to several State /Dept/ officials, coordination between the Department and BIB has declined in recent years. BIB staff said that they previously visited US missions in Eastern Europe and the Soviet Union to discuss the impact of RFE/RL programs in the receiving country. The staff told us they no longer perform these tasks...

"The BIB and RFE/RL periodically commission academic specialists and others to review RFE/RL programming... Since 1980, most RFE/RL broadcast services have not been subject to outside program evaluations. For example, from January 1981 through 1983, no program evaluations were made on 13 of the 20 RFE/RL broadcast services, and during the same period 4 of the broadcast services were reviewed only once. In 1984, the BIB staff and RFE/RL together commissioned 18 outside broadcast service evaluations. Because the two organizations acted independently some services were evaluated twice..." Etc. Gene Pell has his work out out for him.

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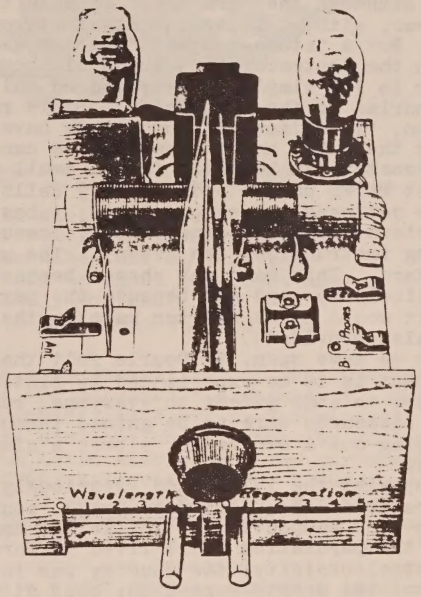
radio equipment forum

Conducted by Loren Cox, Jr 1106 Cleveland Ave Lexington, KY 40505

WHAT IS A "DOERLE"?

"WHEN one contemplates
the economic conditions of
his fellow men
& surveys in his mind's ear
what passes through the ether
on the medium of short
waves,
it is very simple to understand
how others make
very great sacrifices with Thought &
Talent
in order that entertainment
may come
to all
instead of a select few.
THUS with this idea in mind
some reasons are presented
which should get you interested
in travelling along
the short wave highways
of radio reception
Witness the great
devastation brought
by the dust storms & the quiet
but austere atmosphere
of those regions in regard to what
might next happen.
Would not
such a simple short wave set
as the one herein described
have proved a means of entertainment
& information through those torturous
hours?
From even a glance
it is seen that the population
of the United States
is strung along the Pacific Coast,
Mississippi Valley & the Atlantic Coast
with many isolated homes in between
these 'strings'
without connection to electric
power:
& do not these homes
deserve to have the thrill of short wave
reception
comparable to those
in more comfortable circumstances?
BECAUSE short waves
on higher priced receivers,
considering the present financial
stringencies,
are beyond the reach
of many,
this set
was made
so that the individual on the lowest rung
of the economic ladder
not only has heard
of short waves,
but is now
able to listen to them."



This view of the "Foreign Stations" S-W receiver shows very clearly the arrangement of the tuning and regenerative control handles, which project through slots cut in the front panel.

THE OBJECT

THE MAN
at the controls of his three tube "Signal Gripper" - an elaboration of his original 1932 design. A TRF stage was added and would drive a speaker.

ON THE PRECEDING PAGE we have the somewhat philosophical beginning (versified and slightly re-worded by lc) of an article in the September 1935 issue of Short Wave Craft by a man whose name is legend in the field of hobbyist radio building and experimentation: Walter C. Doerle. Hundreds, probably thousands, of "Doerles" were put together by radio "Fans" and "Hams" in the 1930s, Mr Doerle's objective having been to make possible the construction of a functioning shortwave radio with the absolute minimum of expense: a vital consideration in those difficult but in some ways not unhappy times. The original "Doerle" appeared in the January 1932 issue of Short Wave Craft, and became the subject of many articles that followed, by Mr Doerle and others, suggesting improvements and refinements. The "Doerle" was a two tube regenerative set, battery powered, built around a couple of #30 tubes: that was its basic form, although the term "Doerle" came to be applied to almost any TRF regenerative receiver, with at least one manufacturer offering "Doerles" in both pre-wired and kit form. But a "store-bought" "Doerle" was really a perversion of Mr Doerle's concept.

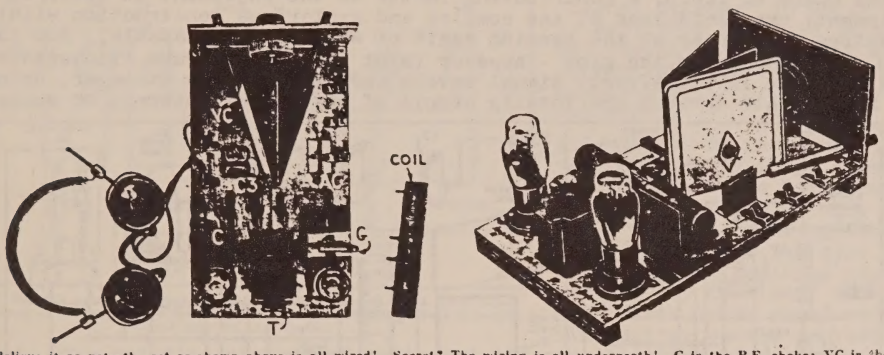
In the September 1935 issue of Short Wave Craft, Mr Doerle again offered his receiver in its simplest form; indeed this is the minimal vacuum tube receiver, a kind of Mondrian of the megacycles. "This receiver", say the SWC editors in their introduction, "is different from any we have described heretofore, in that all of the parts except the tubes and the headphones can be built by the constructor himself. Even the rheostat can be built from a small coil of resistance wire fitted with a clip. The set works on two ordinary dry cells and a single 45 volt "B" battery. The cost of the set need not exceed $1.50, tubes included." No mention is made here of the 5:1 interstage transformer which, presumably, would also have to be purchased (no winding instructions are given). The wave band range for which the coil is wound is 49 meters. This band was chosen because it is very active at night when the set would most likely be used and because the parts layout is less critical at this wavelength than it would be at shorter wavelengths (however instructions for a 25-31 meter coil were also provided).

As we have seen, Mr Doerle felt that the pleasures of radio, especially of the sort that is to be experienced by listening to shortwave radio, should be available at least to some extent to everyone, regardless of his economic circumstances. But these pleasures were to be gained through the equally satisfying experience of constructing one's own radio, albeit a simple one, but requiring some skills of craftsmanship.

Enjoying the 1930s, and vicariously enjoying 1930s radio through the medium of publications like Short Wave Craft, count among my pleasures. America in the '30s was in many respects very unlike the America of the '60s, '70s and '80s. The majority of the population still lived on farms, many of which in those pre-REA days were without electricity; the country was in the grips of that monumental failure of Capitalism, the Great Depression; dust storms on the Great Plains and flooding in the Ohio and Mississippi Valleys made the situation for many even worse. (One of my earliest radio memories is of the emergency broadcasting on WHAS and WLW during the 1937 flood; when power was lost WHAS continued to broadcast by means of a telephone link to WSM in Nashville.) Bitter labour-management conflict and legally sanctioned racial segregation concomitant of a blatant racism and bigotry marked the America of that era. And yet there was something alive and vibrant in the country; the national morale, following the election of FDR, was generally good: the NRA spirit ("We Do Our Part"), etc. People tended to be friendly and helpful; a neighbourly spirit prevailed. There were sensational crimes and celebrated criminals (it was the era of gangster vs. "G-man"), but ordinary people were generally secure in their persons and properties. The necessities of life were very cheap, so that with any income at all one could usually manage to get by and even have a little money left for entertainment, the big providers of which were the MOVIES and the RADIO. 10¢ movie fares were not uncommon. And people like Mr Doerle endeavoured to see to it that a radio - even one of those esoteric "shortwave" sets - could be had virtually for pennies. And if one was not employed, or only partly so (at the trough of the Depression about 1/3 of the work force could not find jobs), there was plenty of time to scrounge for parts, or fashion them from unlikely materials, and construct some sort of radio. This was the time of New York City's famed "Radio Row" where one could shop for hours in shabby little radio parts and equipment stores filled, especially in the early post-war years into which they continued, with all manner of surplus goodies. The largest Radio Row survivor is probably the Avnet Corporation, which includes electronic sales and manufacturing concerns among its operations.

A confession: I'm not sure of the pronunciation of Mr Doerle's name: but I suspect it is "Do-earl", since a competetor to the Radio Trading Corp., which marketed

the "Official Doerle Receiver, called their radio the "Do-All".



Believe it or not—the set as shown above is all wired! Secret? The wiring is all underneath! C is the R.F. choke; VC is the variable condenser; T is the audio transformer; G the grid-leak; AC is the antenna condenser; C3 .00015 mf. condenser.

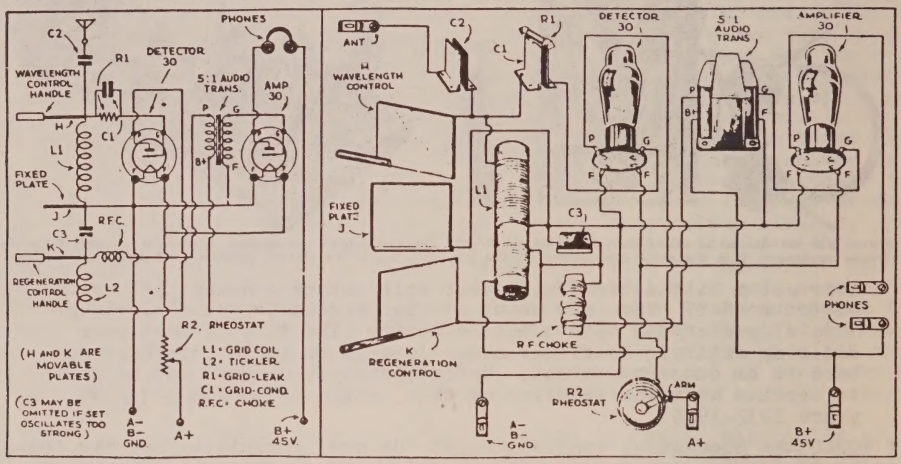
> Ever get a little bored with your solid-state synthesized push-button wonder? Then how about a brief return to those glorious days of yesteryear with a little device like this to test your radioing skills. No filter shape factors or input intercept numbers to be concerned about. Unfortunately you would not be able to receive what was received on this or any other radio in the years 1932-1935.

AND WHAT WOULD the successful constructor of the most "primitive" of the "Doerles" expect to hear as he moved his capacitor paddles and adjusted his rheostat? (This set is "primitive" in the sense that some very sophisticated art is "primitive".) 1935 issues of Short Wave Craft recommended these stations as offering the most reliable 49 m. band (and environs) listening: From Latin America and the Caribbean: HC2RL Guayaquil (6550), PRADO Riobamba (6220), YV6RV Valencia (6520), YV3RC Caracas (6160), HP5B Panama City (6030), COCO Havana (6010) and XEBT Mexico City (5990). from Europe: The BBC via GSL ("for London" - as they used to say - giving a phonetic for the last letter of the call) Daventry (6110) and Radio Berlin on DJC Zeesen (6020). There were also to be heard a number of domestic and Canadian stations, generally carrying the programming of their medium wave counterparts, e.g W8XK (KDKA) (6140), W2XE (WABC/CBS - WABC is now WCBS) (6120), W3XAL (WJZ/NBC Blue - WJZ is now WABC)(6100), W9XF (WENR - a station which no longer exists; once shared time with WLS) (6100), W9XAA (WCFL) (6080), W3XAU (WCAU) (6060) and W8XAL (WLW) (6060). (There is an interesting story about this last mentioned station which was used in a propagation research program; it was kept on the air - into the '50s, I believe - as an unmodulated carrier strictly for this purpose.) With the relatively informal way broadcasters operated in those days station listings were useful only for a few of the "biggies" that tended to keep regular schedules and frequencies. Good 49 m. "catches" would have been Vienna (OER2) on 6072, Singapore (ZHI) on 6018, Kuala Lumpur (ZGE) on 6130 and the Macao outlet on 6020 - the last three perhaps being rewards for the dawn to sunrise listener. And snagging obscure Bolivians, Peruvians, whatever, was presumably as exciting then as it is for some today. The generally lower noise levels and also some other differences in band conditions made possible some daytime reception on the lower frequencies that would not be possible today.

I will not here provide detailed instructions for constructing "The 'Foreign Stations' S-W Receiver", as Mr Doerle's September 1935 article was titled, though I can do so for anyone interested in "DXing" the past by doing more than just reading about it; opportunities actually to relive a part of the past by constructing an artifact of its technology, especially a device like this one which connotes so much of the socioeconomic conditions of its era, are not great, and I cannot imagine being without interest.

It is obvious that a "Transistorized Doerle" would be an even simpler receiver than the one pictured here, mainly from the standpoint of power requirements. Who is going to grace some publication with an article titled "Transistorize your Doerle"? Who would know what that means? But I could never dig a solid-state regenerative radio; seems like a joke, a travesty. For these little radios, especially the home-

built ones, were part of that wonderful thing: The Romance of the Vacuum Tube. Indeed part of the charm of radio, a contributing factor to the enjoyment of radio, was a visual element: one could look at the complex and mysterious construction within that glass envelope and wonder at the seeming magic of which it was capable. And late at night, in a darkened room, the glow - however faint - of vacuum tube filaments could be almost hypnotic in its effect: signal levels were perceptably stronger, or so it seemed. Solid-state devices are totally devoid of any visual interest or suggestiveness.



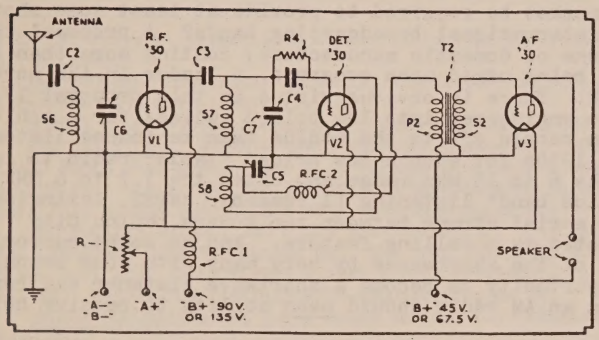
Schematic and pictorial of the 1935 "Doerle"

"The beauty of the design lies in the fact that most of the parts can be built from tin, wood and other materials found about the average workshop."

THE ENJOYMENT OF RADIO, the pleasures derived from the radio hobby, have somewhat different meanings and assume somewhat different forms for different generations. For radio has not been a constant either in its results or the means and techniques by which those results are achieved. A little device like the "Doerle", for today's radio enthusiast, surely must seem nothing more than an amusing curiosity, as it was to some extent even in its own day. But it was seriously intended to be a radio - for those who would likely have access to no other providing shortwave coverage. Obviously no Scott, et al - even a more elaborate and refined "Doerle" - it was a radio and it worked; it catered to the genuine interests of the builders of it and, no doubt, often encouraged the further development of those interests. Building and using one's "Doerle" provided a sense of accomplishment unknown to most shortwave listeners today. The satisfaction of working just a bit for one's pleasure, even if that amounts only to building a simple little radio, is, I feel, a satisfaction morally superior to the enjoyment of radio my ICOM provides me - my ICOM, which enables me to hear just about anything I want to hear on the HF bands and, conditions permitting, to hear it rather well. And that is all very well: but there is little in the way of thrill of discovery; there is no Doerlean excitement!

2-TUBE 12,500 MILE BATTERY SET
$8.70
3-TUBE A.C. SIGNAL GRIPPER
$13.75

OFFICIAL DOERLE SHORT-WAVE RECEIVER
MANUFACTURED BY
Radio Trading Co., New York



Walter Doerle's new 3-tube receiver, comprising a stage of "high gain" tuned R.F. ahead of a regenerative detector and one stage of A.F. Sweet Patootie! Does this set pull 'em in!

The schematic of Mr Doerle's 1932 "Signal Gripper" in which a tuned RF amplifier is added to the original circuit. Henceforth any receiver found to be meriting of my approval shall be known as a "Sweet Patootie"!

THE PURPOSE OF this article has been to provide a bit of a glimpse of how the shortwave radio listening hobby was pursued by many in another era - probably with more fascination than is the case today. The receivers could be quaint, almost wholly fashioned from home-made parts, with radio enthusiasts like Walter Doerle providing the know-how. The relative newness of radio and its possibilities plus less difficult reception conditions were factors conducive in those days to this sort of experimentation. And there was the challenge of hearing interesting things as the result wholly of one's own efforts! (How many of us would care to meet that challenge today? Some would, but I suspect many ICOM/Kenwood/Yaesu knob twiddlers would not.)

* *

Peter Barta, Toronto: At the end of June, I was lucky enough to spend 5 days in Iceland with a London friend. I had my new 7600D (Sony) with me. Most of the time, we were in the north, between Akureyri and Lake Mývatn. During our stay, there had been no sundown. SW reception was practically nil. Not getting anything but hiss on auto-scan on the 7600D was an eerie feeling. Around midnight, glued to the hotel window with the AC adapter plugged, I could get the BBC and sometimes Kol Yisrael, barely intelligibly. Sunday morning, while driving from Akureyri to Húsavík, I managed to tape (with batteries only on both the radio and the cassette recorder) the mass celebrated by the Bishop of Iceland (broadcast on FM every Sunday at 1100 by Ríkisútvarpid). Roads are more or less rough in Iceland, so the battery compartment doors fell off several times - an unexpected weakness of the 7600D. Eventually, I had to tape them. The radio itself had managed to slip out of the carrying pouch first, then from the glove compartment. (A velcro strip might be a good idea.) A word of advice to travellers: electric outlets are now recessed just about everywhere in Europe, so that transformers sold in N. Am. (e.g. Franzus) might not fit. The solution is to buy a European extension cord with a flat plug. The line adapter that comes with the 7600D is free of this problem: it has a built-in extension cord with a flat plug. / P.S.: Perhaps everybody else knows this, but it was a revelation to me: Iceland is on GMT all year round.

Cristopher G. Dean, VA (re gh's question in REF/RIB 103/ about hotel razor outlets): Those I have seen labeled with wattage figures have been low - 100 watts. Common traveler's appliances are radios, razors, hair dryers and travel irons. These last two exceed the capacity of the small transformers used. They would be quite adequate for small electronic appliances that are not cycle-sensitive, as most of today's electronics are not. In general, 60 Hz transformers operated on 50 Hz run warmer, but do well. 60 Hz heavy-duty motors don't last long on 50 Hz supplies. I've put all of this to the test myself, having spent half my 38 years overseas, traveling with radios and tape recorders.

For those interested in the AM stereo scene and receiving equipments for that mode, John Norfolk, OK calls our attention to a review of the Sansui CX-900 Quartz PLL Synthesizer Cassette/Tuner in the June 1984 Stereo Review. The reviewer found AM Stereo performance on stations using the Kahn system very impressive (the Kahn is evidently the best of the AM Stereo systems but not necessarily the one that manufacturers will come most to favour). There is no indication in the quotation from the review John provides as to whether the Sansui device will decode all AM Stereo systems. Stress is laid on the great distances at which AM Stereo reception is possible as opposed to FM Stereo. Of course the best Stereo by radio I have now experienced is via satellite, especially in the discrete mode in which individual sub-carriers carry each channel. Right now I'm listening to WQXR, New York (G1/15 6.3/6.48 MHz).

SHOULD RADIOS SOLD to the consumer market be required to provide at least some shortwave coverage, including the major international broadcasting bands? A proposal that import consumer radios (there are none of domestic manufacture) costing more than $30 be so capable as a matter of law is being urged upon congress, a leader in the movement being H. Dickson Norman of NDXE. There is obvious virtue in this proposal IF an adequate level of performance can be engineered into low priced radios; for a schlock SW radio is going to do more to turn people off to the medium than to induce listenership. It was not uncommon in the 1930s for even a low priced "table" radio to include shortwave coverage, usually the 6 to 18 MHz range and often the 1.7 to 6 MHz range primarily to provide for "police band" listening (I remember "WPET, Lexington Police" at 1706 kHz, 500 watts, the aerial strung between two towers behind City Hall). Shortwave was actually promoted as a selling feature. And no doubt curiosity resulted in at least cursory tuning of the shortwaves by very many with some becoming regular listeners. At least the opportunity to become a shortwave listener was readily at hand. The concept of what is an AM radio should mean ability to receive both medium wave and shortwave signals.

BUT SATELLITE IS NOW TECHNOLOGICALLY THE SUPERIOR MEANS for the transmission of radio (as well as television). Where there is a TVRO/RRO terminal available the need for ground stations should be only when one is away from it. Listening to CBC outlets, WQXR, etc. as if they were "locals" - FM locals - is, after 40 years of ear straining to hear these and similar services, simply thrilling. Yes, there's pretty good FM radio from the local NPR outlets, but hearing these older services now so well seems to be something of a crown upon one's lifetime's listening efforts.

Wayne Hedenschoug, IL has some words about a low priced MW/FM/SW portable, the Mercedes MCI 7600, which appears to be the same as the "SG 786" being sold by EEB for $49.-95. (The "brand names" these importers will use!) He says: The Mercedes produces fairly pleasant stereo sound on FM (but only on local stations). MW reception is more sensitive than on a cheap AM/FM portable, but is not suitable for DXing. Shortwave reception is poor and only strong signals are audible. (I have never been able to receive anything at all below 3.8 MHz - I couldn't even hear R. Belize on SW when I was in northern Belize.) Drift is a serious problem and frequent retuning is necessary. / There is a stereo/mono switch (no need to listen to a weak FM station drifting in and out of sterio), two headphone jacks (one cuts out the speaker and one does not), and two volume controls for FM stereo. Batteries last for about 50 hours of intermittent use. / I believe the radio is too fragile and cheaply made for rough use (such as jogging). I have been fairly careful with it. However is has been backpacked (with padding) quite a few times without suffering injury. / I would recommend the radio only to those who enjoy listening to FM stereo and want a very light radio for travel, and are content with the BBC, AFRTS and CBC ((i.e. RCI)) on shortwave. For those interested in better SW reception, the very tiny Toshiba and Sony radios would be better choices. I like this partly because I don't like to travel with items that invite theft or would be costly to replace if lost. / I paid the equivalent of $41 U.S. for the Mercedes, but that was just after a peso devaluation, so the EEB price seems fair. / No manufacturer name is indicated except Mercedes Co., Taiwan. ((lc: Should the import radios must include shortwave coverage requirement become law (vide supra) am afraid we would see a proliferation of the kind of radio Wayne describes. Manufacturers, even of "better" radios, might include a very inferior shortwave circuit simply to comply with the law which, I gather, would also be applicable to import hi-fi tuners and receivers? When it was decreed that all television sets sold in this country must include UHF as well as VHF coverage (in order to improve the competitive opportunities of UHF television stations) the UHF tuners tended to be very far indeed from the best possible, providing only minimal performance (this is still generally the case). Today's technology makes possible a quite adequately performing SW tuner at low cost.

LET'S HAVE SOME RECEIVER REVIEWS! If you've recently acquired a SW receiver (new or old) or any receiving accessory (Active Antenna, etc.) let's hear your impressions. You don't have to be a Larry Magne or Doug DeMaw to have a valid opinion.

CONFESSIONS OF AN ABOMINIBLE (SIC) SPELLER: Among my many incompetencies I'm afraid spelling is one of them. Don't seem to hear vowel sounds correctly, or choose the wrong letter among the more than one that can represent the same vowel sound in English. This is a problem for gh who goes through my stuff making corrections; but some slips may elude him. Are mistakes in spelling a failure of "knowing how" (lack of a skill) or of "knowing that" (ignorance)? Former may be pardonable; latter not.

DOMESTIC INFORMATION & ASSOCIATED LISTENING

EDITED BY: Kraig W. Krist, 6200 Wilson Blvd., Apt 1019, Falls Church, VA 22044. Editor comments appear is (KWK).

PRO FOOTBALL continued: CLEVELAND BROWNS WHBC-1480(Canton OH); PITTSBURGH STEELERS WTAE-1250 (Pittsburgh PA), WRRO-1440(Warren OH)

MONDAY NIGHT FOOTBALL continued: WHIO-1290(Dayton OH)

PRO BASKETBALL: ATLANTA HAWKS WSB-750(Atlanta GA); BOSTON CELTICS WSPR-1270(Springfield MA); CHICAGO BULLS WMAQ-670(Chicago IL); CLEVELAND CAVALIERS WWWE-1100(Cleveland OH); DALLAS MAVERICKS WBAP-820(Fort Worth TX); NEW YORK KNICKS WNBC-660(New York NY); PHILADELPHIA 76'ERS WFIL-560(Philadelphia PA); WASHINGTON BULLETS WTOP-1500(Washington DC)

PRO HOCKEY: DETROIT RED WINGS WJR-760(Detroit MI); HARTFORD WHALERS WTIC-1080(Hartford CT); MONTREAL CANADIENS CJSB-540(Ottawa ON); NEW YORK ISLANDERS WOR-710(New York NY); NEW YORK RANGERS WNBC-660(New York NY); PHILADELPHIA FLYERS WIP-610(Philadelphia PA); PITTSBURGH PENGUINS KDKA-1020(Pittsburgh PA); WASHINGTON CAPITALS WTOP-1500(Washington DC)

INDOOR SOCCER(Charles Weiss South Euclid, OH) CLEVELAND FORCE WGAR-1220(Cleveland OH), WSLR-1350 (Akron OH)

OLDIES SHOWS(Music from the 50's thru 70's): WEEKDAYS: OLDIES AT NOON WCHS-580(Charleston WV); WEEKNIGHTS: WOLFMAN JACK SHOW WQSR-105.6(Cantonsville MD); SUNDAY MORNING: LOOKING BACK WITH LOVE 8:00 am EST WCLY-95.5(Morningside MD); COUNTRY GOLDEN OLDIES 8:00 am EST WMZQ-98.7(Arlington VA); LOOKING BACK WITH LOVE 8:00 am EST WPGC-1580(Morningside MD); RAY OTIS SHOW 6:00 am WWRC-980(Washington DC); ROCK, ROLL & REMEMBER 8:00 am EST WXTR-104.1(Marlow Heights MD); SUNDAY NIGHT: ORIGINAL SUNDAY NIGHT HALL OF FAME WITH ROCKIN' RAY WBT-1110(Charlotte NC); DUSTY ROADS(perhaps DUSTY RHODES?) SHOW WLW-700(Cincinnati OH); ALL REQUEST SUNDAY NIGHT OLDIES SPECIAL WMJR-107.7(Warrenton VA); REMEMBER THEN WPRW-1460(Manassas VA); ALAN REED SHOW WQSR-105.6(Cantonsville MD); HALL OF FAME WTAR-790 (Norfolk VA); SUNDAY NIGHT THING OF THE PAST 8:00 pm - midnight EST WXTR-104.1(Marlow Heights MD); (oops)SUNDAY AFTERNOON: GARY OWENS' SUPERTRACKS WINX-1600(Rockville MD); FRIDAY NIGHT: FRIDAY NIGHT REVIVAL WHAS-840(Louisville KY); FRIDAY NIGHT FLASHBACK WLW-700(Cincinnati OH); FRIDAY NIGHT SOCK HOP 8:00 pm EST WXTR-104.1(Marlow Heights MD); SATURDAY NIGHT: SOLID GOLD SATURDAY NIGHT via the RKO NETWORK WITH HOST DICK BARTLEY phone: 1-800-234-5789 WASH-97.1(Washington DC), WBT-1110(Charlotte NC), WMJR-107.7(Warrenton VA), WQSR-105.6(Cantonsville MD); SUPERGOLD WGR-550(Buffalo NY); SATURDAY NIGHT OLDIES SHOW phone: (518) 312-8500 WGY-810(Schenectady NY); YESTERDAY WLS-890(Chicago IL); DUSTY ROADS SHOW WLW-700(Cincinnati OH); SOLID GOLD SATURDAY NIGHT (not the same as the RKO NETWORK) WRVA-1140 (Richmond VA); WOLFMAN JACK SHOW WXTR-104.1(Marlow Heights MD)

DICK CLARK ON THE MOVE(Jacqueline Trescott Washington Post) The move of hit-music master Dick Clark from one syndicated countdown show to another has caused some shifting in the countdown lineup. Clark debuts Sunday as the host of COUNTDOWN AMERICA. Clark had been under contract to MUTUAL RADIO NETWORK since 1981, but left when he became principal owner of UNITED STATIONS RADIO NETWORKS, his new base. MUTUAL'S NATIONAL MUSIC SURVEY will now carry new host Bill St. James.

TALK TO MIKE CAUSEY EVERY SATURDAY 1-2 P.M. ON WNTR. "Nobody keeps tabs on matters affecting Federal employees better than WASHINGTON POST columnist Mike Causey. Now you can listen and talk to Mike on MIKE CAUSEY'S FEDERAL FORUM on WNTR-1050(Silver Spring MD) NEWS/TALK RADIO, every Saturday from 1 to 2 P.M. The shows will cover various items relating to Federal employees. And with WNTR'S popular news/talk format, you can just pick up the phone and call Mike at (301) 588-0111 if there's an issue you'd like to discuss."

NPR GETS GRANT FOR NEWS SHOW(Jacqueline Trescott Washington Post) Two days after the NATIONAL PUBLIC RADIO board voted last week to continue weekend broadcasts of ALL THINGS CONSIDERED, the struggling network received a $100,000 grant from Waste Management Inc. for the news show. The grant will enable NPR to lower the one-year fees its stations had pledged for the program and perhaps enlist more stations to take the weekend show. The network said it would continue to solicit funds from private donors for these programs, which are used by 98 percent of public radio stations.

A LOOK AT WMDO-1540(Wheaton MD), THE ONLY SPANISH-LANGUAGE STATION IN THE WASHINGTON DC AREA. (excerpts of an interview with the General Manager of WMDO by Jacqueline Trescott Washington Post) Sixty percent of WMDO's two weekday 30-minute news blocks is devoted to international events. The reports are assembled by news director Mia Cara, an announcer and reporter from Colombia. WMDO has 16 full-time staff members and only six are non-Hispanic. The station also has a five-minute hourly newscast and recently switched to UNITED PRESS INTERNATIONAL'S broadcast service because UPI has a partnership with the Spanish government news service. On weekdays at noon WMDO sponsors a talk show, EL MUNDO OPINA, which opens its phones Wednesday-Friday. WMDO now features what it calls the INTERNATIONAL SPANISH FORMAT, a mix of popular music from salsa to merengue in the traditional TOP-40 mold. One thing that sets WMDO apart is its community service. Twice a day during the week - at 10:30 a.m. and 1:30 p.m. - WMDO has a job bank. It also celebrates dozens of national days and does numerous remotes.

Well, so much for this month. Remember items for DIAL are always appreciated. I hope that everyone has a save and enjoyable holiday season. 73.

LISTENER INSIGHTS on PROGRAMMING

ARGENTINA (Chris Bagge, Springfield MA) The following was heard on RAE, Aug. 23, during their 0200-0300 English program on 9690: "As you know, we love to get mail. We got a letter from someone not long ago in the US, that he had stopped writing to radio stations he listened to because he heard that they were being swamped with mail. Far from it, our level of correspondence has gone down for quite some time and it's getting us pretty depressed, so write to us!"

(LADXR) FUTUPE PROGRAMS IN ENGLISH BEAMED TO ISLAS MALVINAS:

*The argentine government plans to broadcast programs in english language via a medium wave station facility of the Patagonia region (in the south of the country) beamed to the 'kelpers' and foreign troops that occupy illegally the argentine territory of the Islas Malvinas since 1833.
The reason of these planned transmissions is because those invaders only know the english and NATO's point of view about the Islas Malvinas,but also must to know by way of these transmissions the argentine point of view and just rights of possession on these isles.
The english programs beamed to Malvinas will be musical, cultural and informative of the argentine actuality.
The nearest stations of Puerto Argentino (the capital of the Islas Malvinas) is in the Patagonia region (south Argentina). They can be improved to these broadcasts:

640 kc LRA 24 RADIO NACIONAL, Río Grande, Tierra del Fuego (720 km west from Puerto Argentino, the capital of Islas Malvinas)
780 kc LU 14 RADIO PROVINCIA DE SANTA CRUZ, Río Gallegos, Santa Cruz province (800 km west from Puerto Argentino, the capital of Islas Malvinas)

However, to realize this project, there are financial problems due the economic prostration of Argentina.
(Adolfo Gass, senator, president of the External Affairs Commission of the Argentine Senate, in an interview realised by the LS1 Radio Municipal of Buenos Aires politic program, last july 26th on 710 kc via EPP)

AUSTRALIA [gh: last month's 2-liner about Keith Glover retiring was limited to that since it was a last-minute insertion; now here's the full item:] (Harry W Weatherley, Oct DXers Calling of DX Australia) One of the most popular personalities of shortwave broadcasting leaves the ABC on 26 October 1985 for a well-earned retirement. The two Radio Australia programmes which brought his voice into so many homes worldwide were CLUB FORUM which he produced and presented from 1972 until its demise in 1980 and MAILBAG which he hosted for 25 years until its removal in 1981. Since the late 1970s, Keith has been engaged principally in ABC administration including several periods as (acting) Head of English Language Service of RA. However, in recent months his well-loved voice has been heard again regularly on both ABC and RA news bulletins. On behalf of the members of all four clubs of SPARC and SWLs/DXers worldwide, we say "thank you, Keith, for 38 years of information and happiness you have brought into our homes - your distinctive and friendly voice will be greatly missed".

(Nov DX Australia) The Changes are Changing @ Radio Australia! It's back to old times with Wilson Blackman returning to the chair of Head of English Language Service, Brendan Telfer as presenter of the TALKBACK program and Mike Bird remaining producer. Judy Cooper has moved on to the position of Acting Controller, Talks & Documentaries, ABC. Ebet Kadarusman has retired from the position of Head, Indonesian Service, RA, after 25 years. He is a very talented singer and in his early days with RA, he led a small orchestral group with live-on-air pop music for the Indonesian audience. Mary Adams interviewed Ebet on her ABC afternoon program during October at which he announced he would be returning to his home country of Indonesia. We at DXA wish Ebet a very long and happy retirement.

(Patrick McDonald, Dural NSW, Nov 9) On the Nov 9 TALKBACK, Keith Glover was farewelled. He will do some work for 3RPH (Radio for the Print Handicapped) in Melbourne in his retirement [and he indicated he might occasionally be heard again on RA]. New times also announced for TALKBACK, supposed to reduce the delay between taping and broadcasting to less than a day: Fri 1610, Sat 0310, 0810, 1230.

(Michael Harla, Vineland NJ) With the D85 [first Sunday in Nov until first Sunday in Mar 86] schedule RA is indeed making big changes of emphasis. As Judy Cooper and Geraldine Coutts had proclaimed in late S85 announcements, at least for the 0900-1400 time block, there will be heavy emphasis on news and feature programming, relatively little music. An airing of INTERNATIONAL REPORT is added at 0910, and the 1200 UTC newsblock is pushed back one hour, with IR at 1310 ex-1210, and AUSTRALIAN NEWS at 1330, ex-1230. A major change is the restriction of SOUNDABOUT to one frequency per hour, plus a time change--first hour to air 1110-1158 on 9770 kHz, apparently intended for the Indian subcontinent. 2nd hour 1210-1258 on 7205, which is at least marginally audible here (SIO 233 this morning). I happened to be listening Nov. 1 when Suzanne Dowling was reading these changes. She said she was surprised by them, and upset that her listeners in the South Pacific, North America, etc., were losing their chance to listen in.

[gh: it is rather amazing how RA, with one English language head after another, unfailingly continues to make ill-advised and unpopular programming changes.]

(Bruce MacGibbon, Gresham OR) A new program on RA is Soundabout SPINOFF with Suzanne Dowling, heard [Mon] Nov 4 1530-1600. At 1612 new feature program OPEN TO QUESTION; part 1 was on poverty in Australia, with Claire Collyer. Another new program every Tues at 1530, hrd Nov 5, CLOSER TO HOME, with Liz Holson(sp?), a request program to help you keep in touch with family and friends wherever they are. Also new is COSMIC UPDATE, hosted by Trevor Robertson, Sats 2340, Mons 0016, Tues 1612, Thurs 1030. The program will examine the development of mankind's perception of his place in the universe. On Nov 6 [Wed] at 0610 I listened to the Murray River pgm on 15320; host is Dennis Gibbons. I don't know if this is a new series or a rerun and have written to Judy Cooper asking about this and others. I find it a little disconcerting that you have to listen 100% to a station to find out about its programming.

Also at 0700 UTC, RA drops 15160 15240 & 15320 directed to Pacific & Africa; program continues for Asia, Papua New Guinea and Pacific on 17750 17715 15395 15160 11910 5995, but the only frequency I can hear is 11910. Right before OPEN TO QUESTION at 0730, 15160 was closing to PNG, but 11720 also mentioned and that was real good here; 11910 was fair. Announced frequencies at 0730 Nov 6 were 17750 17715 15395 11910 11720 5995 to Asia & Pacific; OTQ is about social issues in Australia. At 0813 the same day, heard RA in English on 9580 11720 11910 and 9655 [the last one is publicized as a test freq to New Zealand & UKOGBANI 0700-1000 -gh]. Back on Nov 3 [UTC Sun instead of Sat?] at 0310, 15160, 17795 and 15320 were standing by for Grand Prix Australia in Adelaide, with EZL music, talking to some teams at 0313, time check as 17:2, dual ID with 5AN and Radio Australia. 0330- warmup lap, and at 0332 the Grand Prix started, run thru the streets of Adelaide. Live broadcast and I believe they only pulled away for news on hour and half hour. This was the first GP in Australia ever!

(Mark L Williams, Emmett ID) VLW9, Perth, on Sats at 1305 presents an insightful examination of musical figures punctuated by their music, SENTIMENTAL JOURNEY; on 26 Oct, the subject was Lena Horne.9610

A U S T R I A (ORF) Radio Austria International's English programme: Basic daily service is REPORT FROM AUSTRIA, first edition at 1830, repeated and updated at: 2130, 0130, 0330, 0430, 0630, 0830, 1230 1400 and 1500. On Mons, SPORTS REVIEW; Tues AUSTRIA & THE UN; Weds THE AUSTRIAN ECONOMY; Thurs POP CORNER; Fris, POLITICAL COMMENTARY, and FOCUS at length on a subject of musical, literary, historical or artistic interest; Sats THE TOURIST SCENE, also conjuring up the delights of Austrian food and wine --and Suns PROFILE OF AUSTRIA, and POSTBOX 700 [NOT their current mailing address!!]. The following two programs supersede some others at times listed: AUSTRIAN SHORTWAVE PANORAMA [including contributions from gh] Suns 0200, 0900, 1230, 1430, 1805, Mons 0430. AUSTRIAN COFFEETABLE, arts and mainly music of all styles, Sats 1805, Suns 0305, 1205, 1400. North American frequencies are 15320 at 1200-1300; 6000 at 0100-0500 [blocked by Moscow-via-Cuba]; 6155 at 0500-0700.

B E N I N (Chris Bagge, Springfield MA) One of the more pleasant aspects of being an East Coast SWL/DXer is the fairly good late afternoon reception of 60 meterband Africans. Cotonou on 4870 is one station that puts in a good signal on a fairly regular basis. I've listened to them on many occasions, but not being fluent in French has made it difficult for me to get an idea of what La Voix de la Revolution is all about. While tuning around 60 meters on Oct 22, I came across their English news program, already in progress at 2020 UTC and ending at 2025. On Oct 23, the news started at 2011 and ended at 2025; and Oct 24 from 2015 to 2023. Checked it out on the 25th, and it started at 2008, but reception was poor and I tuned away. Sandwiched in between regular French programming, it starts and ends with a bit of reggæ music and canned ID by lady announcer "...News from the People's Republic of Benin." The news was entirely on events in Africa, or related to Africa, and the one thing that struck me as unusual, after listening back on the tapes was that not a single mention was made of the US or the Soviet Union, favorable or otherwise! South Africa got it double-barrel, though, and many of the items of news regarding UNESCO and the UN made it clear to me that Benin is concerned about their status as a Third World nation. The man announcer sounded young and was well-spoken, and I believe his name was John St.-something. Some of the IDs included "This news broadcast is coming to you from Cotonou," "Radio Cotonou," and on the 24th he opened with "This is the English Service of the Voice of the Revolution, transmitting from Cotonou." Anyway, turning the clocks back an hour puts me at work during this timeslot, and I will miss hearing this interesting alternative to the English news from Accra and Yaoundé!

B O N A I R E (gh) For once revealed in advance on their frequency schedule is TWR's Christmas Day special extended programming, 1400-1800 on 15195, in English until 1700, then an hour bilingual with Spanish, and the rest in Spanish: 1800-2100 on 15355, 2100-2245 on 15440, all 50 kW, with an alternate frequency for the last two being 15400.

B R A Z I L (Carlos Coimbra, Toronto Ont, Nov 4) During the past couple of days I had noticed something different about the programming on Brazilian stations, i.e. tuning in at news time and missing the news. Well, my wife Elizabeth heard Rádio Globo, Rio, 11805, on Nov. 5 at about 0100 saying that starting last Saturday, Nov 2, Brasil had gone on "horário de verão", i.e. never mind the fancy "Daylight saving/shifting time," just simply call it "summer time." So Brasília is now at UTC-2. No mention was made of the ending date [through February, I believe -gh]. It's been a large number of years since this was last tried in Brasil. On the same news report, it was mentioned that some utility companies (hydro, presumably) already had started complaining that they were going to lose money! Hi! No wonder I was getting confused: in the space of two weeks, I went from a local time difference of one hour, to two hours, and now to three! This came as a surprise; credit goes to Elizabeth. Also, the August issue of 'Brasil, Comércio e Indústria,' a monthly that I 'freely' subscribe to [in English] has a two-page article about the external service. BRAZILIAN REPORTER has apparently been discontinued. However, R N Amazônia has been noticed lately to stay on longer, with additional news reports around 0315 [before the time change], except on local weekends!?! to sign off nominally at 0330 and sometimes later [on 11780?].

CHANGE OF ADDRESS? Your latest label code number must be supplied; also when renewing for smooth going.

B U R M A (Oct Australian DX News)

DX SLEUTH IN BURMA

By Adrian M Peterson

During the 1970s, Australian DXers began to observe a regional shortwave station in Burma, operating on 5060 kHz. Programming was similar to the Minority Service from Rangoon on 4725 kHz, in half hour language segments, though certainly not in parallel. Some DXers began to speculate that this was a clandestine station. Others said no, it is a regular station, suggesting that it could be located in Rangoon, or perhaps a country area.

A few years ago, during a regular visit to Burma, I began the task of tracking down this elusive mystery station. It is difficult to carry suitable receiving equipment while travelling into and out of several countries in Asia, so, on this journey I borrowed a simple cassette/receiver from the "Voice of Prophecy" Correspondence School in Rangoon. In the capital city, I could just barely receive this exotic station on the simple receiver and certainly not at a level good enough for recording. A visit to the transmitter base of the Burma Broadcasting Service in Rangoon convinced me it was not located there.

In Mandalay, a few hours by small passenger plane to the north, I could hear the station better, and good enough for at least a poor recording. I made many enquiries as to the actual location of this elusive station. It was certainly not in Rangoon and neither in Mandalay. After numerous enquiries throughout many areas of Burma, the young Seventh Day Adventist minister in Mandalay stated that he knew the location of the station. "It is in Taunggyi" he stated. "When I was there a few years ago," he added, "I heard it quite clearly."

On my return to Rangoon, quite by chance I met a senior official of the Burma Broadcasting Service, who took me into the Rangoon station, which is surely a rare privilege in Burma. He told me that there is indeed a regional radio station in Taunggyi, that it is quite low powered, and that it is operated by the Burmese army. He also stated that the Rangoon station prepares some programmes on tape for the Taunggyi station.

On my next visit to Burma, I purchased a ticket (in US dollars) on the internal flight to Heho, with the intention of going up the hill by jeep bus to Taunggyi. However, the plane flew up to Heho, but, because of cloud cover, could not land. We returned to Rangoon where I received a refund (in Burmese Kyats).

Just a few weeks ago, on my last itinerary before leaving Southern Asia, I again went to Burma. I flew ukp to Heho, took the airways "bus" up to Taunggyi, and checked in at a local hotel. A few hours later my camera was stolen from the hotel room. However, that same evening the local army authorities searched every home in Taunggyi, and confiscated every item for which no justification could be given!

Next day, I saw many truckloads of confiscated items unloaded at the local customs depot. My stolen camera had now become too "hot", and it was returned to me next morning via the local Tourist Bureau.

I made many enquiries in Taunggyi as to the location of the radio station, and I was given just as many answers. (In all my visits to the Maldive Islands, I was never able to locate the newspaper office. Many people told me where it was, but never where it is!) Finally, an English-speaking Burmese doctor took me into his jeep and drove me into the station. Although there were many things not shown to me, the following observations are based upon what I saw and what I was told.

The Zyyi Transmitting Station is located on a small valley plateau on the eastern edge of Taunggyi. It is situated within a small army camp, and the entire purpose of this army camp is to operate the broadcasting station. The station was established in 196 and it has been on the air ever since, on only one channel: 5060 kHz. I would suggest that the transmitter is rated at 1 kW, and working probably at half power. The antenna seems to be a simple centre fed "T" at a height of a quarter wavelength, with directional lobes North-South.

Programming from the Zyyi station at Taunggyi follows a similar pattern to the BBS in Rangoon, and in fact the national service in Burmese is a delayed relay on tape from Rangoon. The main station announcements at Taunggyi on the hour and half hour are in Burmese. Regional language programmes are produced locally and are in half hour segments. No local announcements ever give the location of the station, though at times "Shan", the state name, is mentioned.

Severe interference to the audio signal is caused quite frequently by the poorly filtered electricity supply, and distortion is introduced by overloading the electronic equipment.

No QSLs have ever been issued from the Zyyi Transmitting Station at Taunggyi, and it is probable that none will ever be issued. This exotic station, no longer elusive, is on the air daily on 5060 kHz, between 1030 and 1330 UTC.

[gh: a fascinating story! Strangely enough, "Zyyi" is also one rendering, by the FBIS as I recall, of the BBC-Cyprus transmitter site, a.k.a. Zyghi]

C A N A D A

(Ian McFarland, RCI) At RCI's Sackville NB transmitter plant, the current transmitter replacement project is proceeding more or less on time. The three new 100 kW Harris transmitters have now been installed, and two of the units have been in service for the Northern Quebec SW Service since March. The third unit is also operational but at the moment is being used to run tests on the new antenna switching matrix that was recently completed. This unit is also being used as a standby transmitter. When this testing phase has been completed, which should be around the end of December, the transmitter will go into service on RCI various target area services. The control room at RCI's transmitter plant is also on the move. Things are getting a bit crowded at the present location, and the CR is moving to more spacious facilities in the main building. Most of the present equipment in the CR will be moved to the new quarters, but some new, updated equipment will also be installed. The move is due to be completed sometime next spring. RCI weekend program previews for December: CANADA À LA CARTE, Sats 1800 on 17820 & 15260, UTC Suns 0100 on 9755 & 5960: Dec 7, solution to the 5-part mystery play "Who Killed Timothy Rhodes"

also, Ian's monthly look at the Canadian National Top 40 Hit Parade Chart. Dec 14, Peter Gzowski interviews Haida Indian carver Bill Reid, of BC, about the canoe he is carving from a single log, to be displayed at Expo-86 in Vancouver next summer. Reid is one of Canada's foremost native Indian carvers. Main feature is part one of a two-part documentary "Health Care in Canada," prepared and narrated by Charlotte O'Dell--how adequate is geriatric care now and how will Canada cope four decades from now when the numbers of elderly will have almost doubled from the present 10% of the population. Dec 21, "High Tech Care"-can society afford it at the present rate of cost escalation? Similar questions to those asked in 1819 at the invention of the stethoscope--how much will it cost? Who should be allowed to use it? How much good will it ultimately do?; also first of a 5-part series based on 'Across the Table', her recently published book in which Toronto food writer Cynthia Wine takes a look at the regional cuisine of Canada's Atlantic provinces. Dec 28, part two of Wine; and Stuart McLean talks with railway historian Greg Gormick about the early days of the Canadian Pacific, on the occasion of its centenary in joining the east to the west.

SWL DIGEST, to Africa Sats 2135 on 17820 15325 15150 11960 11945; Europe Sats 2000 [sic, presumably still at 1935] on 15325 15140 11945 5995; Caribbean Suns 2305 11710 9755 930; USA UTC Mons 0405 9755 and 5960: Dec 7/8, Noel Green RDBI DX news report from England; Dr John Black, Univ. of Guelph, Ont. continues series on Telecommunications Technology with a look at a credit card-sized data storage medium that can hold 2 megabytes of data, and the impact this might have on SW program schedules of the future; Part 6 of Foreign Language Recognition Course, Dr Richard Wood covering Finno-Ugric family, i.e. Hungarian, Finnish, Estonian. Dec 14/15, Randy Erickson's bimonthly ANARC report, review of 1985 events; Larry Magne tests another SW receiver; gh with the latest DX news. Dec 21/22, FLRC part 7, Bantu family, Swahili & Hausa; Harold Sellers, bimonthly ANARC DX Equipment Info Committee report on the SW equipment marketplace; Tony Jones RDBI report from South America; gh with latest DX news. Dec 28/29, George Wood, European year in review in communications field in general, SW in particular; Richard Wood, part 8 of FLRC, Semitic family, Arabic, Somali, Hebrew, Maltese; gh DX news.

(Loren Cox, Lexington KY) The CKO Network (AD1/18 6.8 MHz [Satellite Anik-D-1, transponder 18, 6.8 MHz subcarrier]) carried the RNW DOCUMENTARY Nov 3 re missile deployment in Holland presented by Marks and Kliphuis; don't know if this is a regular feature; CKO a news/info format w/commercials.

CHINA RADIO BEIJING PROGRAM PREVIEWS for December, 1985

CHINA IN CONSTRUCTION China has opened up many coastal cities to speed their modernization with the use of foreign capital and advanced technology; a fortnightly series continues about some of them, helping explain some of the economic experiments being tried in China. Guangzhou, Thu Dec 5, Shanghai Thu Dec 19.

MUSIC FROM CHINA The Yangtze River is the third longest in the world and along with other Chinese rivers flows through a fascinating variety of landscapes, cultures and historical sites. A number of Chinese composers have been inspired to write musical works describing the power and grandeur of these rivers as they flow to the sea. You can hear pieces on the Yangtze, the Yellow and others Sat Dec 14.

MUSIC ALBUM Gu Jianfen is a popular Chinese composer whose works possess a distinctively national flavour. She has absorbed China's rich variety of traditional music, folk songs and theatre music. On Sun Dec 1, MUSIC ALBUM will begin a five-part series on China's contemporary composers starting with Gu's life and works; continuing Dec 8, 15, 22, 29.

FOLKTALES Maoyi was a strong young man, who, according to the story, could lift himself in the air by pulling his own hair. He was also wise and kind. You can hear how he helped the poor and punished evil-doers Sat Dec 7. What is the most valuable treasure you can have if you're already a rich herd-owner? An old woman proves it's not a fine house, jewels or slaves, Sat Dec 21.

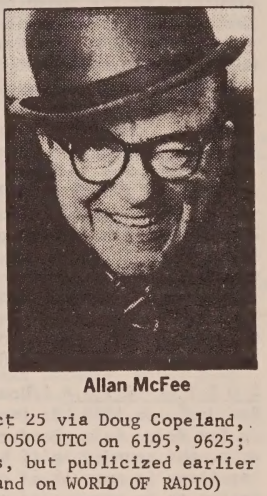
CHINA SCRAPBOOK Paper. Imagine a world without it! There would be no books, no newspapers, nothing to write on as we know it today. However, our ancestors did manage to write without paper! They inscribed characters on animal bones, tortoise shells, slips of bamboo and wood and silk. Many of these ancient records have been unearthed from ancient tombs & tell an intriguing story, Tue Dec 3.

McFee's finally off the midnight shift

AFTER 13 years as its inimitable host, Allan McFee is leaving the Eclectic Circus, his popular weeknight program on CBC Radio.

The reasons for his departure were offered in typical McFee style: "I've grown tired of wheeling my 1923 Maxwell downtown to the studio every night at midnight. It was bad enough, when I started, to have to fend off the three or four ladies curtsying to me each night when I came in. But the numbers have grown, and I just can't fight them any more."

McFee's last Eclectic Circus broadcast will be Friday, Nov. 29, although he will continue with his Saturday morning edition on CBC Stereo. CBC plans to replace Eclectic Circus with a new program, the details and the host to be announced.



Allan McFee

(Toronto Globe & Mail, Oct 25 via Doug Copeland, Man.; also on the NS at 0506 UTC on 6195, 9625; too late for RIB readers, but publicized earlier in DX LISTENING DIGEST and on WORLD OF RADIO)

LISTENERS' LETTERBOX in Dec will answer questions about China's women's hair fashions Dec 1 & 3; the renowned Dazu carvings Dec 10 & 12 [sic, must mean 8 & 10]; the oldest book ever found in China Dec 15 & 17; television advertising and New Year celebrations Dec 29 & 31; Sundays, repeated Tuesdays.

ANTHOLOGY Beijing's imperial Historical Repository is a treasure-house of ancient historical relics and records. Some of them are being publicly exhibited for the first time as part of the 60th anniversary of the founding of the First Historical Archives of China. The Exhibition of Manuscripts & Records of Imperial Courts in the Qing Dynasty provides a picture of life during that period and it is the subject of CHINA ANTHOLOGY Sun Dec 1. Then on Dec 15, you'll meet Shan Siyuang, one of the Palace Museum's leading authorities on archæological relics.

CULTURE IN CHINA Many problems associated with growing older are universal, but later life also has its lighter side. A Chinese comedy about the aged was recently staged by the Beijing People's Art Theatre. 'People Strolling in the Morning' uses a park setting where a group of elderly people meet, to explore their joys, sorrows, frustrations and triumphs. A radio adaptation of the play, Thu Dec 12

PROFILE Who is China's Roger Moore or Sylvester Stallone? Every year, dozens of foreign films are dubbed into the Chinese language for local audiences. Because of the cultural and linguistic differences, it's a complex and skillful task. A well-known 'hero behind the screen' is dubbing actor Qiao Zhen. You'll meet him and learn some of the tricks of the trade involved in making characters like Rambo speak Chinese, Sun Dec 15 [sic; PROFILE supposed to be Fris, so probably means 13th; days of week inserted by gh for convenience of RIB readers--by the way, do you prefer this format or the previous day-by-day format Radio Beijing used?]

R Beijing D85 to North America: Eastern, 1100 UTC on 9820, 1200 on 9820 9640 & test 9535; western, 1300 & 1400 tests on 9550 & 9730; eastern, 0000 on 9820 11685, test 11970; western, 0300 on 9640 11860 11980, 0400 on 9640 11980; S Pacific 0830 & 0930 on 9700 11755 15195; Europe 19 & 21 on 6860 7590.

C O S T A R I C A [/Honduras] (Marc Techner, Austin TX) On Sept 13 at 0200 UTC, Radio Columbia in San José, on 4850 kHz [transmitter site actually Puntarenas] transmitted a relay from Radio Norte, 770 in San Pedro Sula, Honduras. The relay included an address to the Honduran people by Pres. Suazo Córdoba, who sounded as if he was about to declare ware on Nicaragua that night for invading his country's territory in pursuit of contras. A flurry of news reports after the speech, which exhorted "all Hondurans to be strong and patriotic" was quite surprising for the antics heard on Radio Columbia.

(R Columbia program sked, undated, via Takayuki Inoue, who visited the stn earlier this year, in Radio Nuevo Mundo, Japan) Mon-Sat 1130-1255 NOTICIEROS COLUMBIA, 1300-1345 JOSÉ LUÍS ORTIZ INFORMANDO, 1352-1358 EL JA JA DEL AIRE [comedy pgm?], 1400-1425 LA TREMENDA CORTE [old Cuban comedy also carried by LV del CID], 1430-1455 novela EL DERECHO DE NACER [about abortion??], 1500-1525 PROFESOR RADAN, 1500-1555 COMPRA & VENTA, 1600-1625 novela ME AVERGÜENZA MI MADRE, 1630-1655 UNA CRIADA IMPOSIBLE, 1700-1825 NOTICIEROS COLUMBIA, 1830-1925 REVISTA DEPORTIVA DEL AIRE, 1930-1955 MÚSICA, 2000-2025 PROGRAMA DE SEGUNDA MANO [another listener buy & sell show?], 2030-2325 MÚSICA, 2330-2425 NOTICIEROS COLUMBIA, 0030-0055 LA TREMENDA CORTE, 0100-0105 EL JA JA DEL AIRE, 0105-0120 PROGRAMA INCOSEM, 0125-0135 DIÁLOGO, 0135-0200 MÚSICA, 0200-0400 PANORAMA DEPORTIVO, 0400-1030 LOS FANTASMAS SE DIVIERTEN.

Sundays: 1030-1155 MÚSICA, 1200-1225 LA VOZ DE LA ESPERANZA, 1230-1255 BUENOS DÍAS AFICIÓN, 1300-1325 NOTICIEROS COLUMBIA, 1330-1455 CAMINO AL ESTADIO, 1500-1555 LA PATADA, 1600-2055 DEPORTES, 2100-2155 LA PATADA-reprise, 2200-2255 POMPONIO, 2300-2355 LOTERÍA NACIONAL, 0000-0055 NOTICIEROS COLUMBIA, 0100-0125 MÚSICA, 0130-0225 CADENA NACIONAL DE RADIO, 0230-0240 DIÁLOGO, 0240-0300 MÚSICA.

C U B A [& non] (right: Granma Weekly Review, Oct 13, via Owen Williamson, EP TX)

(Ivan Grishin, Nov DX Ontario) Besides the news and music programs daily on R Habana Cuba, weekly features at 0110, 0310, 0510, 0710 usually: Mon PANORAMA--science; Tue THE CUBAN STORY, in depth detail on Cuban history; Wed CUBAN PROFILE, insights into Cuban life; Thu P O BOX 70-26, Q&A session; Fri CUBA & THE WORLD, Cuba's place in world community; Sat CUBAN CULTURE--arts. Sun is a news-free day; most above programs repeated, plus WORLD OF STAMPS, but time varies. Answer the question of the week on this program and win a Cuban stamp series or first day cover.

(Michael Schulsinger, Springfield OH) R Martí made a guest appearance on MIAMI VICE Nov 8; a source of QRM interfering with a wireless mike bug. Authenticity!

CONTEST ON THE FOREIGN DEBT

● Called by the Cuban Institute of Radio and Television, open to Latin American and Caribbean residents to mark the 25th anniversary of Radio Havana Cuba

● THE CUBAN Institute of Radio and Television (ICRT) recently announced a contest for radio and television programs and scripts dealing with the subjects of the Latin American and Caribbean foreign debt. It is open to all radio and television broadcasters, directors, independent producers and others in the field residing in Latin America and the Caribbean.

Journalists, writers, scriptwriters and all those wishing to participate in this international contest, either individually or through state-owned and private enterprises, are welcome. The proposed theme can be dealt with from the standpoint of a specific country or a group of countries.

Contestants in radio should submit their programs recorded on tape or cassette and for television they should use video cassette or 16mm film. Three copies of an entry should be submitted.

Three radio prizes and three televisio prizes will be awarded, consisting of trip to Cuba for two. Cash prizes will b awarded for each category, as follows. I radio programs broadcast US$400; program not broadcast US$300; original script US$200. In television: programs broadcas US$500; original scripts US$350.

The deadline for entries is March 31 1986, and all entries should be submitte to: Concurso de Radio y Televisión sobr la Deuda Externa, Instituto Cubano de Ra dio y Television (ICRT), Calle 23 No. 25 Radiocentro, Vedado, La Habana 4, Cuba

The prizes will be awarded in April 198 as part of the activities to mark the 25t anniversary of the founding of Radi Havana Cuba.

TV MARTI

Cuban President **Fidel Castro** has been going bonkers over Radio Marti since the U.S. government funded and operated radio station was launched last May. But wait until he hears about **TV Marti**. He'll really go through the roof. Backers of TV Marti legislation would be delighted if he did.

Elated over Castro's temper tantrums against the Radio Marti broadcasts to the Cuban people, the anti-Castro Cuban American National Foundation has been spending the dog days of August planning the next moves in the Cold War against the Cuban leader. The Foundation has drawn up a list of 20 actions it wants Congress and the Reagan administration to initiate against Castro in the wake of his retaliations against Radio Marti and his pleas to Third World nations to default on their foreign debts, particularly U.S. loans. The most provocative of these proposals call for setting up a television station in the Florida Keys to broadcast to Cuba, and for expanding current Radio Marti operations to include broadcasts to Cuban troops fighting in Angola. The Washington-based Foundation also wants Congress and President Reagan to send humanitarian aid to the regions of Angola under control of the anti-Marxist troops fighting the Cuban-backed forces in that African nation.

"Let's tell Havana that in the face of Castro's shrill reaction to Radio Marti and Havana's continuing support for subversion abroad, there is little basis for a 'moderate' U.S. policy toward his regime," the Foundation's list of policy options states.

(D.C. City Paper, Aug. 30)

"Prensa Latina isn't all that is at your service; there is also the radio. We have powerful radio stations, over which we have broadcast all these meetings.

"They were already built, these are weapons we have here. Since they threatened us with subversive stations, we have powerful short-wave and medium-wave stations.

"Let me tell you that by combining some, we can reach up to 1000 kilowatts, and if we open those stations nobody in the United States would be able to hear the radio there.

"Hopefully there would be no need to use them, as a response, but they will be used if they don't rethink but persist in their subversive campaigns.

"If some of those stations started functioning, they could reach Alaska on medium wave. But they are also powerful enough to broadcast the world over on short wave, without interfering with anybody.

(above: Granma Weekly Review, Sept. 29 via Owen Williamson, El Paso TX--Fidel Castro's comments to the Latin American Press Forum on the Regional Financial Crisis, Sept. 19, 1985)

(Carl Huffaker, México, Nov SPEEDX Program Panorama) I was sorry to see that you repeated the inferred [implied] criticism of Radio Martí for broadcasting horoscopes. If you listen much to Latin America, especially the local stations, you will realize that many, perhaps most, broadcast horoscopes from time to time. Probably this is frequently enough that such broadcasts can be considered a normal part of radio. Radio Martí is not broadcasting to a handful of dissidents, but to the Cuban people, and as such must carry the type of programming that will cause its listeners to leave the radio tuned to the station...Frankly, it's a credit to Radio Martí that its staff knows its intended audience well enough to include the horoscopes in the program.

gh: On Oct. 23 during the noon hour, a 50-kW anti-Castro MW station was born in Miami, WAQI, Radio Mambí, on 710 (ex-WGBS in English, which merged with WNWS-790), headed by people from WOCN-1450, Unión Radio, pip-squeak by comparison. Now Cubans can hear R Mambí night and day--or could until 4 days later when Castro moved two or three of his equivalently-powered stations onto 710, formerly vacant of Cubans, from 630, 670, 690. One carries R Rebelde program, and for a while another made distorting jamming noises and hets from about 712. This development has been covered extensively on WORLD OF RADIO, and in DX LISTENING DIGEST.

(Tim Hendel, Miami, Oct 28) Well, it didn't take long! One of the stations with the best daytime signal from Miami throughout the Caribbean was always WGBS. I heard them well in the Cayman Islands, which must mean they covered Cuba well, due in part to no Cuban station on the frequency. This is no longer true. While visitng Central Florida, I found Radio Rebelde on 710, covering up Radio Mambí. It is interesting to see that Cuba has taken more trouble to block Mambí than they have with Radio Martí; though I am not surprised as Mambí's programs more militant.

(John Demmitt, Bellefonte PA) I have been hearing Radio Mambí on 710, first noticed Sunday Nov 3 in the null of WOR; at first I thought it was from Central America, but then IDed on the hour and sometimes half hour in English as WAQI in Florida. Then on Nov. 8 a loud jammer was on the frequency. Heard Mambí again Nov. 9 at 7 pm during fade of the jammer for 3 minutes; two Canadians also interfere with WOR.

(Jim Carson, Pleasantville NJ) The WGBS callsign now applies to a new TV station in Philadelphia, on channel 57.

gh: The escalating radio war with Cuba story is far from over. In early Nov, first noted the 9th, the high-power (probably 75 kW) Cuban transmitter on 1160 kHz was reactivated but with a new program service, ostensibly for tourists and visitors to Cuba, Radio Taíno, named after an extinct Indian tribe (like R Mambí...), mostly music in Spanish 1200-2300 only, but IDs in English every half hour, and occasional English news capsules, e.g. 1516 & 1745 UTC, same announcers as on RHC. The daytime-only schedule shows deliberate restraint for now from interfering with WJJD, and KSL which was so terribly victimized during the infamous one-night Voice of Cuba test a few years ago; however, UTC Nov. 20 R Taíno stayed on until 0500 just after the hurricane had passed through Havana. Did the US broadcast industry notice? More in DXLD-2.

***RADIO CAIMÁN UPDATE by John Santosuosso (DX South Florida, Nov 7)

My article in the just released issue of MT indicates that the anti-Castro organization "Pro Libertad de Cuba" is the sponsor of this station. In a message postmarked 9/14 & recvd here a few days before the R Caimán xmsn began on 9/28, PLC claimed that they were responsible for what was then "Radio Nat King Cole". This was the 2nd ltr from the group. In the 1st, sent in late June, they had not admitted a connection with the stn but did provide part of the lyrics of the identifying song "Ojos Negros". They also claimed that blocks of music were being xmitted in order to keep the fqy open & ready for use in the event of possible activity in Cuba or Nicaragua. PLC did not give me advance notice of the switch to R Caimán format. Both of the PLC ltrs came from cities in the northeast. Un fortunately neither had a return addr. I was able to locate an office in another part of the country, but it refused any info on either radio operations or the location of other offices. Enough has been learned about PLC to know that in some ways it appears to be very different from your typical anti-Castro organization. [for instance?? -SHR] I regret that I could not disclose the above until after the MT story appeared. Contact with PLC was the result of material I had written for MT, and it appeared that this is where they wanted their responses to appear. In addition to 9960, keep an eye on 9940, as R Caimán may turn up there as well. Whether this will be with CID's permission or not, I do not know. #####

CURAÇAO RADIO EARTH INTERNATIONAL, INC.

Radio Earth, an international broadcasting service partially sponsored by the Curacao Tourist Bureau, has made an official request for a shortwave radio station license in Curacao. Approval by the Netherlands Antilles Landsradio Dienst is expected after the U.S.-based company's local attorney, Henri Sperwer, establishes a local subsidiary.

On October 8, Radio Earth purchased a shortwave transmitter, which will eventually be placed on Curacao. The transmitter, presently located in Los Angeles, California, is scheduled to arrive at Radio Earth's new transmitter manufacturing plant in Vinton, Iowa on November 15. In Iowa, Radio Earth Curacao project engineer Jon Gorski will do extensive modification work on the unit. Gorski says that after modification, the transmitter will have an output of 25,000 watts, making it the most powerful broadcast transmitter on the island of Curacao.

The transmitter will not operate on the standard AM and FM bands; only on shortwave frequencies between 2 and 28 MHz. "Our object is not to compete with local Curacao stations," said Radio Earth General Manager Jeff White. "In fact, it will probably be impossible to hear the station on Curacao. We will only be beaming abroad, to an overseas audience."

Radio Earth's transmitter will be unique in many respects, says Gorski. "The International Telecommunication Union has been talking about requiring stations to use a special mode of operation called 'single sideband' in the future. If they do, we'll be ready, because our transmitter will be switchable from the standard broadcast mode to single sideband, and it will put out at least double the power in the sideband mode."

Gorski has also been talking with Leonard Kahn, inventor of the AM stereo system, about the possibility of installing a stereo generator in Radio Earth's transmitter. "If that happens," said Gorski, "Radio Earth will become the first stereo shortwave station in the world." Until stereo shortwave receivers are widely available, the signal will be audible on ordinary radios, and the stereo effect can be heard using two receivers.

Having begun operations in 1983 from studios in the Curacao Hilton, Radio Earth is recognized as one of the pioneers of commercial shortwave radio, a medium long used only by governments and religious organizations (such as Radio Nederland and Trans World Radio on Curacao's neighbor island of Bonaire). For the past two-and-a-half years, Radio Earth has only operated six or seven hours a week, purchasing air time on existing shortwave stations in the Dominican Republic, the United States and Italy. "Having our own transmitter will give us a great deal more flexibility," said White. "We will be able to expand our schedule considerably."

Each December, Radio Earth sponsors a group tour to Curacao for its listeners in North America. This year, about two dozen people are expected to take part, including at least one person from Europe. From December 8 to 15, they will tour the island and enjoy the Curacao sun and sand.

Radio Earth receives several letters each week specifically requesting Curacao tourist information. Each inquiry is answered by Radio Earth itself, or passed on to one of the Curacao Tourist Board offices. Most inquiries come from the United States and Canada, although more are now arriving from Europe, since Radio Earth inaugurated its European Service in July.

"Both the Curacao Island Government and the Tourist Bureau have been extremely supportive of our work since 1983," said White. "Curacao's Finance Director, Maurits Larmonie, is the person who encouraged us to establish a station on the island, and Rafaelito Hato was originally responsible for the Tourist Bureau's sponsorship of our programs. They saw that in the highly competitive area of Caribbean tourism, unique promotional media have to be used. I think that Curacao has one of the most innovative external promotional campaigns in the world."

Radio Earth is working closely with the Netherlands Antilles Landsradio Dienst on the project. "We have been in regular contact with Jose Cijntje regarding technical details and potential sites," White said. The station is considering one site on the northwest tip of the island, near Westpunt.

Initially, Radio Earth will employ a chief engineer, several operator/announcers, and a few administrative personnel. "We will [CURAÇAO contd] hire all local personnel for our Curaçao operations," said White, "since Curaçao has the professional talent we need, and since we want to contribute as much as we can to the local economy. It's a rather unique situation, really, since the money the Curaçao Tourist Board spends on us is used for worldwide promotion, yet it will never leave the island."

Transmitter Manufacturer: Technical Materiel Corporation (TMC). Power Output: 25,000 watts AM; 50,000 W SSB. Frequency Range: 2-28 MHz by synthesized tuning. Antenna: several possibilities, including corner reflector, rhombic and log periodic designs. Target Areas: initially, North America & the Caribbean (ITU Zones 1-4, 6-9, 11); in the near future, a second antenna to cover South America (Zones 12-16). Projected Sign-On Date: June 1 1986. Note: TMC transmission equipment is also used by standard time stations WWV in Colorado, WWVH in Hawaii and CHU in Ottawa, Canada.

CZECHOSLOVAKIA

(Gerald F Kercher, Quaker Hill CT) On Oct 20 I had an experience I probably will never repeat so I will tell you about it. We had callers including an 83-year-old visitor from Czechoslovakia who spoke no English. He was a pioneer aviator and he showed me his pilot's license dated 1924. We managed a little conversation in German and when we got stuck I would call on another visitor to translate from Czech. The old gent was seated next to an end-table holding my R-70 and he asked me about it. I was surprised when he told me that they are not permitted to have SW receivers in Czechoslovakia. This is pretty hard to believe but I pressed him on it through the interpreter and he insisted that they are not available to the ordinary citizen. It was about 2055 UTC, not the best hour for reception these days, but I felt obliged to demonstrate the set; I dialed in 5930 and there was Czechoslovakia, loud and clear! The visitor made some apparently untranslatable comment about the signature "Forward Left" but was quite impressed when the announcer came on in Czech or whatever it was. I was impressed too and I did not let on that such command performances were anything but routine for SW listening in this country! [see next page]

PROGRAMME HIGHLIGHTS (via Kraig W Krist, VA)

Every day in our English language broadcasts on Radio Prague you can hear a news bulletin, commentaries and music. To help you choose the feature which might interest you most, here is a review of our weekly programmes for the year 1985.

	The British Isles and the European Continent			North America
	05.30 GMT	16.30 GMT 20.00 GMT	19.00 GMT 21.30 GMT	01.00 & 03.00 GMT
Monday	Commentary Programme Review	History and Today Programme Review	Commentary Introducing Czechoslov. Sports round-up	Introducing Czechoslov. Sports round-up The WFTU Calling Programme Review
Tuesday	Introducing Czech.	The WFTU Calling	Peace Tribune Listeners Tribune	History and Today Youth Magazine Folk Music/Science & Technology
Wednesday	40 Years on (+quiz)	Youth Magazine/ Science & Technology	Commentary DX-Chat	Economics/Culture Health & Medicine 40 Years on
Thursday	Commentary	Economics/Health & Medicine	Commentary Culture/Economics	Peace Tribune The WFTU Calling DX-Chat
Friday	Tourist Guide-Book	The WFTU Calling	Commentary Stamp Corner (+quiz) Here and There	Culture/Economics Mailbag
Saturday	Commentary of the Week	Commentary of the Week 40 Years on Tourist Guide-Book	Join George (+quiz)	The USA in the Czechosl. press Commentary of the Week Stamp Corner/Here and There Join George (+quiz)
Sunday	This Week in Czechoslovakia	Sunday Mailbag Session & Meeting the People	Concert	Sunday Magazine -Prague Mosaic -Tourist Guide-Book -Question-Answer Sess. -Meeting the People -Concert

E C U A D O R (Trisha Roberts, Andex International Vol 12, No 5 via Kraig W Krist VA)

HCJB'S NEW 100KW TRANSMITTER

The holiday season will be bringing HCJB listeners a joyful new sound. According to Stan Houghton, chief transmitter operations engineer, a new 100 KW transmitter will be ready for use sometime before Christmas. The transmitter arrived at HCJB at Christmastime 1984, and since then the engineers have been assembling it as time and workload have permitted.

Stan Houghton, who has more than 15 years of experience working with transmitters, was delighted to explain some of its features. The Gates SW100 built by the Harris Corporation is a high level, plate-modulated 100 KW shortwave broadcast transmitter capable of operating on any frequency between 3.2 and 22 MHz (or 90-13 meters) at a continuous 100% sine wave modulation, covering 11 bands. It is HCJB's first vapor-cooled (as opposed to air or water-cooled) transmitter and is capable of delivering 100 KW to a balanced 300-ohm load impedance. The modulation system is known as pulse duration modulation (PDM). This makes the fifth different type of modulation system that is in use at the HCJB transmitter site.

It is HCJB's second most powerful transmitter, and will be used to send programs in English to the South Pacific on 49-meters, in all languages to Europe on 16-meters, and in Spanish to the Americas on 25-meters. It will also be used as a back-up for the 500 KW transmitter.

Stan himself operates a Sony 5900 receiver and is anxious to be one of the first to catch this new signal.

(David Solliday, Vega Baja PR) I think that John Beck is doing a fine job with DX PARTYLINE; note that he is including several things out of the regular 'plug-in' features. For example, whole programs devoted to a speech by Clayton Howard at the recent ANARCON that was very interesting, as well as the topic of radio broadcasting in Ecuador, Sept 9 --also, on-the-spot interviews of technicians who run the transmitters at HCJB. And it sounds as if he has some other original ideas in mind for the program, so my advice is listen, listen, and listen some more. You might find that your attempts to pigeon-hole certain programs are indeed misguided.

(Harold Sellers, DX Ontario, Nov) SALUDOS AMIGOS is produced by Ken MacHarg in Indiana and tapes are shipped to Ecuador. Ken reads letters from listeners and plays a variety of music from around the world, as well as religious tunes. Tune in at 0200-0230 UTC Wednesdays, on 9870, 6230

gh: Via Kraig W Krist we also have HCJB's new Nov-Mar program schedule, showing only the following changes to the ones reproduced in RIB 101-11 & 102-10: [NAm portion in UTC but local days]. M-F 1500 YOUR TIME ex-NEWS; WAY TO LIFE at 1520 ex-YOUR TIME. Sun 0030 TURNING POINT, 0100 CALVARY HOUR [on 11910]. Sun 0035-0100 PAUSE FOR GOOD NEWS, HERE & NOW, NEWS ex-SHALOM; M-F 0040 GUIDELINES, 0045 STORIES OF GREAT CHRISTIANS. Sun 0100 KING IS COMING ex-CALVARY HOUR. M-F 0200-0230 now: UNSHACKLED, SALUDOS AMIGOS, UNSHACKLED, REFLECTIONS, UNSHACKLED. M-F 0305 ex-0310 GUIDELINES FOR FAMILY LIVING; Sat 0300 SOUNDS OF JOY ex-AMERICAN CHRISTIAN COUNTDOWN; Sun 0330 HAPPINESS IS,

Thu 0330 BEING ALIVE ex-SONGS IN THE NIGHT. Fri 0500 UNSHACKLED ex-CHECK IT OUT; Thu 0500 HERE & NOW ex-SHALOM. Tue 0630 SALUDOS AMIGOS ex-UNSHACKLED. Thu 0630 REFLECTIONS ex-SONSHINY DAY.

Europe: Sun 1900 SALUDOS AMIGOS ex-OFF THE RECORD; 1930 DISCOVERY ex-LIFELINES; Sat LIFELINES, ex-DISCOVERY. South Pacific: Tue 0700 REFLECTIONS ex-OFF THE RECORD. Sun 0800 SALUDOS AMIGOS ex-SONSHINY DAY. Mon 1015 STORIES OF GREAT CHRISTIANS ex-SOUNDS OF THE TIMES.

E L S A L V A D O R (Marc Techner, Austin TX) BBC Correspondents Reports the weekend of Oct 6-7 featured a story on the negotiations held between the Salvadoran guerrillas, the FDR-FMLN, and president José Napoleón Duarte for the release of his daughter. Conducted over shortwave radio, news correspondents monitored the transmissions and used them as sources. Radio Venceremos is again audible in the southwest US on 6555 kHz after two months of static. Wheher this was due to exceptionally poor conditions in August and September or was an interruption of the station's schedule due to the announced reorganization of the five guerrilla groups in the FMLN is unclear. Back on July 11-15, Radio Venceremos conducted a marathon series of broadcasts to recognize a "US Delegation" to the FMLN headquarters in Morazán. Aside from the duration of the broadcasts (more than four hours at a stretch), the fact they were repeated the following weekend (July 20), the announcers said that the broadcasts were transmitted jointly by Radio Farabundo Martí, a rival FMLN clandestine. Radio Venceremos is closely associated with the ERP, the Revolutionary Army of the Poor, while Radio Farabundo Marti has substantial ties to the Popular Liberation Forces, or FPL--both member groups of the FMLN. One observation I made was a change in RV broadcasts in 1985 to be more strident. A new ID segment called RV "voz campesina, obrera y revolucionaria" (the farmers', workers' and revolutionaries' voice), replacing the former ID as "official voice of the FMLN". Curiously enough, the old ID was reinstated during this special broadcast. Also returning was the new predilection for "The Internationale" over Salvadoran folk music as symbols of FMLN propaganda. The Salvadoran guerrillas have been strongly hampered by US and Salvadoran counter-insurgency efforts. But, the clear, distinct return of RV at the same time of the surprise attack on Salvadoran troops on the 12th of October indicates a new phase for these clandestine stations.

(Owen Williamson, El Paso TX) Radio Venceremos returned to its previous frequency of 6555 variable on about Oct. 10, after nearly a month's absence. The signal is a bit weaker than before, and has a heavy 60 Hz hum. On Oct. 12 (0000 UTC Oct. 13), they reported that during the rebel attack on the Armed Forces Training Center at the port of La Unión the U S advisers were cowering under the beds, this according to the later statements of the base commander. Venceremos asks "Is this the type of men we will have to fight against?"

G E R M A N Y, W E S T (Ralf Munster, Decatur, GA) Here are some data, designed, ia, to respond to recent RIB reader comments about DW Caribbean relays. Aside from being based on listening, they extensively rely on letters from the DW's Highfrequency Division, the most recent of which, dictated by Herr Peter Senger, was received near the end of October. To anybody puzzled by occasionally seeming to hear "teletype & other interference" on DW xmsns, it should have become clear some time ago that this is primarily the time signal and related information of Venezuela's YVTO on 6,100 kHz. That frequency has long been used by the DW not merely for xmsns to Lat. Am. but also as a feeder for its Caribbean relays and so it is understandable that at times YVTO is also picked up and hence relayed. On top of that, beginning some time in May/June CUBA for reasons best known to them, decided also to use 6,100 so that at least at my QTH it has since that time extensively become impossible to hear the DW on 6,100 at all. As Herr Senger expresses it, "naturally that situation is not particularly to our liking but we can't do anything except to try coming to an understanding with those who are responsible."

Actually, though, the DW can or is about to do one or two other things. First, they can transmit with considerably more power from Germany than previously and second, they can institute satellite xmsns. Concerning the former, I am simply going to let SWLs use their own rxs and ears to decide what is going on with respect to 6,100. More importantly, I don't suppose that I am giving away any big secret in mentioning that according to Herr Senger, "negotiations for satellite xmsns to Antigua are close to completion."

Speaking of satellite xmsns, Herr Senger also informed me that "by virtue of its relative age and the deterioration of its equipment that resulted therefrom, the satellite 'Symphony' that we used for xmsns to Kigali, dropped out as long ago as one year." Unfortunately he does not make explicit with what the 'Symphony' feed has been replaced. If, however, a SWL is lucky enough to own two rxs, (s)he can do his/her own "detective work" by tuning one of them to the frequency of a relay station and the other one to that of a direct xmsn of the same px from the originating country. If in comparison to the direct xmsn, the time lag for the relay station is hardly noticeable, then in all probability it is fed by SW but if it is rather pronounced, then it is fed via satellite. This, by the way, is the twentieth year of DW xmsns from Kigali, Rwanda. Perhaps the datum that at one time it was part of German East Africa, helped to cement the relationship between the two countries. [All passages in quotation marks, freely translated from Herr Senger's letter.]

G U A T E M A L A (via Takayuki Inoue, from a visit to the station, via Radio Nuevo Mundo) Horario de Programación de Radio Tezulutlán, Alta Verapaz, 4835 & 3370: (UTC) 1000-1130 MÚSICA RANCHERA, SALUDOS, MENSAJES CORTOS HUMANISTAS. 1130-1400 TRANSMISIÓN CARCHÁ varios programas. 1400-1445 ALEGRÍA DE MI PUEBLO, SALUDOS, AVISOS, marimba, mensajes cortos varios. 1445-1500 JESUCRISTO Y SU IGLESIA (mismo

que se pasa en Norte). [off the air 1500-2000]. 2000 APERTURA DE TRANSMISIÓN, 2005-2100 MARIMBA Y SALUDOS CON MENSAJES CORTOS VARIOS, 2100-2130 SEGUIMIENTO PASTORAL con temario de formación de los delegados de la palabra de Dios, 2130-2200 DEPORTES orientación deportiva e información y música, 2200-2230 COOPERATIVISMO, 2230-2300 TRANSMISIÓN CENTRO RADIAL CARCHÁ, 2300-2400 MEDITACIÓN BÍBLICA textos y comentarios con música, 0000-0030 MUSICA VARIADA saludos, mensajes cortos varios, 0030-0045 ALCOHÓLICOS ANONIMOS, 0045-0100 JESUCRISTO Y SU IGLESIA historia, 0100-0115 EL AGRICULTOR orientaciones sobre agricultura, 0115-0130 BUENAS NUEVAS con padre Hugo Estrada, 0130-0230 UNA LUZ EN LA COMUNIDAD preguntas de la audiencia, 2030 CIERRE DE TRANSMISIÓN.

HUNGARY (Bert Thomas, Oct WDXC Contact) I enjoyed my first visit to Hungary. Budapest was all that I had hoped. One of the highlights of my visit was my morning with the staff of the English language section of Radio Budapest. Unfortunately the Scottish head of the section was on holiday but young Zahoran Zsuzsa (the lily behind the forest) did the honours, showed me around the studios and answered all my questions. It surprises me how a small staff of 11, with a simple studio equipped with one control panel, three tape machines and one announcer position could push out the vast amount of English language programmes they do on 7 days a week, and run a useful DX programme. One could say that they have carried forward their 'ham' spirit into their professional work. They receive an amazing amount of listener correspondence, which they welcome, although it would appear that they too are faced with the 'gimme' brigade who measure the value of a radio station by the quantity of free gifts!

INTERNATIONAL WATERS (BBC TV, Anglia, Mail on Sunday via Nov WDXC Contact) Laser 558's ship The Communicator raised anchor Nov 6 and was escorted into Harwich by the Government surveillance ship Guardline Tracker, ironically its sister vessel. The station had had generator problems for some weeks and during a Force 9 storm on the evening of the fifth suffered a complete power failure and requested assistance from the British government vessel. There had been rumours of unrest on board for some weeks including a report of unpaid wages & horrendous living conditions in the 3/11 Mail. That article also claimed the station was controlled from offices at 9/11 Kensington High St., London, hiding under the name of Overseas Media Service. Robbie Day was involved in collecting advertising for the station including the controversial "Spotlight Records" system. Liz West, until recently music director said that for a lump sum of $5300 a record company would get 14 plays of the song per week and also 21 commercials, each 30 seconds long, for the record. Food and equipment for the ship were smuggled in under cover of darkness from the Isle of Sheppey by Nick Murray who runs a firm called Thames Tugs. Liz West says, "We were out of everything, even toilet paper. During my last tour I got dysentery and scurvy." The Marlboro adverts were also unpaid after a proposed deal with them and other international companies fell through. Guardline, who sold the Communicator to Laser, traced the buyer to be Irish nightclub boss Philip Smyth and say they are still owed 5 kilopounds. They now plan to take legal action against the owners and have a salvage claim. Further problems for Caroline--a vessel "Windy" had to have assistance when a rope fouled its propellor whilst it was anchored next to the Ross Revenge and the crew were all questioned by police when they got back to port. A DTI spokesman commenting on Laser's surrender said "One down, one to go." [Caroline quickly moved onto Laser's vacated frequency, from 576 to 558 with less QRM][tnx also to Mike Kitchener for clippings on this]

Suicide bombers in Lebanon blow up Christian radio station

Associated Press and United Press International

METULLA, Israel — Suicide bombers with explosives strapped to their bodies attacked a radio station run by American missionaries in south Lebanon early today, killing three guerrillas, a Lebanese militiaman and a radio station employee.

Guerrillas attacked the Christian station, the Voice of Hope, 2½ miles north of the Israeli border town of Metulla, the sources said.

Israel Radio reported that a spokesman for the Israeli-allied South Lebanon Army said the guerrillas' own men took position on the walls surrounding the radio station and shot at their colleagues to detonate the bombs.

However, an Israeli army spokesman, who quoted sources in the South Lebanon Army, said earlier that a guard from the mainly Christian militia fired at the attackers and set off the explosion that reportedly killed the five people.

The attack occurred near the Shiite Moslem village of Al Khiam, and Israel Radio reported that the guerrillas carried 220 pounds of explosives on their vests and belts. There was no immediate claim of responsibility.

Severe damage kept the station was off the air for 5½ hours.

Station spokesman Yitzhak Grunberg said the station had received threats in the past from Shiite militiamen. He estimated damage to the station at "about half a million dollars."

The Voice of Hope is operated by High Adventure, a missionary broadcast service with stations around the world. The station is operated by Lebanese and owned by George Otis, a missionary from Van Nuys, Calif., who said he would be flying to the area.

The Voice of Hope is located in a narrow border strip that Israel has designated as a security zone.

The station supports the South Lebanon Army militia, trained and supported by Israel to protect the border region.

(Seattle Times, Oct. 17, via unknown)

(below: from High Adventures envelope)

TERRORIST BOMB DESTROYS VOICE OF HOPE MAIN BUILDING!

ISRAEL (via Richard A D'Angelo, PA) IRI special holiday programming to be expected on eve & day of festivals: 7 Dec Eve of Hanukka, 8-15 Dec Hanukka 24-25 Jan Tu B'Shvat = New Year of the Trees.

LEBANON (gh) As soon as possible after the blast, George Otis of HAM sent out

an "urgent gram" begging for $475,000 to rebuild the Voice of Hope; it gave the impression the station was off the air tho press reports said it came back in a few hours since the transmitter site was not hit; Otis also says there are death threats against him; and earlier asked for $5,000 for emergency medical care for VOH Lebanese manager Charbel Youness, suddenly suffering from a mysterious sickness. Thanks to many others for clippings about this, Marvin Balousek, Rusty Serenberg, Tom McKeon, James J Halsema, Gayle Van Horn, Edward Mauger, Jr, Tom Gavaras among them.

M É X I C O (Marc Techner, Austin TX) The Mexican earthquake of 19 September inspired heavy listening to Mexican stations. Although I had monitored México only very late at night before the quake (0730 on 6165 XEW La Voz de la America Latina, from Mexico City on 14 Sept), Mexico's shortwave broadcasters noticeably increased frequencies and times. By 20 September, XERMX, Radio México Internacional, began to be audible on 11770, 9705 and 15430 starting at 2200 to about 0100. 11770 was stronger until about 0300 when it began fading. After several days the station began to ID as "Radio Información, la estación periodística del Instituto Mexicano de la Radio." [duplicating 710 kHz]. As all hope faded for finding survivors in the rubble, on Oct. 9, the 15430 kHz became a powerhouse signal. The announcements claimed a 100 kW transmitter and the station now became "Radio XEB, la estación familiar del Instituto Mexicano de la Radio." On Oct. 14, broadcasts terminated at about 0100. Program content was a mix of emergency announcements, "avisos," messages of good well-being or directions between individuals, requests for volunteers or materials, and instructions for government employees dislocated by the earthquake. XEW, audible but suffering heavy QRM from stronger broadcasters in the region, was also heard on 6165 and 9515 early afternoons (2200) and 6165 late (0500). Message-board service was heard less and less until it was completely gone from these Mexican radio broadcasters by Oct. 4. Entertainment and commercial announcements as well as the new personality of Radio México (XEB) greeted the third week of October--a sure sign of the restoration of normality in the Mexican capital, however twisted it may be now. Ham radio operators, especially in Texas and California, provided an emergency replacement for the lost Mexico City national and international long-distance phone service, which was not partially serviceable until October. Long-distance to the US was finally achieved by 8 October. Several AM radio stations put in clear, although erratic signals in propagating around US QRM, in this part of Texas. From an hour after sunset, 0100 UTC at this time of year, stations in Mexico City can be heard: Radio Festival, 770 kHz [sic, surely 730]; XEQ, 940; XEQR, Radio Centro, 1030; Radio RED, XERED, a news and information station on 1110; XEB, 1221 [sic], now Radio México. Frequencies for some ham radio emergency networks included 14300 and 14313 SSB and individual operators on 3761, between 0100 and 0340 UTC from 21 to 30 September

M I C R O N E S I A (ABU Technical Review via Barry Hartley, N Zealand)

MICRONESIA PLANS NATIONAL RADIO SERVICE

The Federated States of Micronesia (FSM) is planning to have a national radio broadcasting service to cover all territories comprising the four groups of islands in the Pacific. The FSM Broadcasting Service is a member of the Asia-Pacific Broadcasting Union (ABU).

The ABU is operating a Technical Advisory Service to its members to render advisory and consultancy services to the smaller members, especially in the developing countries.

Mr. J.C. Bhargava, Senior Engineer of the ABU Technical Centre in Kuala Lumpur, visited Ponape, capital of FSM, in June this year to carry out a feasibility survey on the future radio broadcasting needs of the FSM.

FSM is presently having four 10kw and 5kw transmitters, one on each of the islands, to broadcast local programmes. At present there is no facility for carrying the national programme to all the four states. There is a television service in Yap island, and privately owned television stations in Truk and Ponape. The communication links between the Capital and the four islands are provided through a hired Intelsat transponder. There is an earth station in each of these islands.

It appears that there are two options available for providing national broadcasting service in the FSM:-

- Shortwave coverage - direct reception by the listeners.
- Coverage through new local mediumwave or FM transmitters which have links via satellite

M O Z A M B I Q U E (Owen Williamson, KA5UUR, El Paso TX) João de Almeida Pinto, of Beira, writes "I'm doing what I can to answer your request (to send a cassette recording of Radio Mozambique programming). According to what information I can find, they tell me that before I can send you a cassette I have to go to the Book and Record Institute so they can listen to it. Then, I have to go to the post office with the required document to clear the recording. So you can see you will have to wait a bit. But as soon as I clear all this I will send the cassette to you, OK?" Tapesponding with Mozambique is not very easy, it seems. He also advises that blank cassettes are only available on the black market or in "hard currency." He is interested in corresponding with anyone who speaks Spanish or Portuguese at the following address: João de Almeida Pinto, Escola Industrial 25 de Junho, CP 634, Beira, Sofala, Mozambique. [Count our blessings... -gh] N O R W A Y

Norway today contains news, interviews, music, and short features. In our future Sunday programmes are

- **Trends and traditions**, a magazine report from the Norwegian cultural scene – literature, theatre, music, etc.
- **Pinpointing people and places**, where we take you around the country and let you meet everyday people in their local surroundings.
- **Tasty or not – it's Norwegian**, a programme about traditional Norwegian food, and how it is prepared.
- **Pop Inn** gives you the latest in Norwegian pop music, and
- **Made in Norway** presents Norwegian exports which have attracted international interest.
- **Listeners' Corner** is the forum for your questions about our country, people, and anything Norwegian. Write to us, and your enquiries will be answered on the air.

Our address: Radio Norway International,
Bj. Bjoernsons pl. 1, 0340 Oslo 3, Norway.

(via Kraig W Krist, VA)

PHILIPPINES (James J Halsema, Glenmoore PA) Re RIB 104-8, in 1978 a USIA colleague and I studied the alternatives for VOA's central Luzon transmitters for reaching East (including Siberia) and Southeast Asia and found that they were not good. Bishop should take a look at the immense antenna field at Tinang, not far from Clark AB, and try to imagine what it would look like on a Pacific island the size of Saipan or Guam, which already are covered with US military electronic installations. It is very unlikely that VOA could find a foreign country in the area willing to allow a relay base on its soil. After Marcos it is possible to imagine a successor regime willing to cut a deal as the Papandreou regime seems to be doing in Greece. The Tinang base is located on land owned by the Aquino family. Even during the worst of the Communist guerrilla flareup in central Luzon just before Marcos declared martial law in 1972, Aquino connections kept the station from harm.

Radio Veritas suffers from the American Roman Catholic Church's reluctance or inability to imitate the strong fund-raising efforts of US fundamentalist Bible bangers to support proselytizing via the electronic media. The RCC's resources, while large, are not infinite and are mostly devoted to other purposes.

SAIPAN (Gerry Bishop, Clark AB, Philippines) KYOI has been running a rather PBS-style plea for cash, asking listeners to send $10 per year to help keep it on the air; first noted Nov. 3. Now, why don't they seek large multinationals (e.g. Coca-Cola) for revenue? Or why they can't get it is a mystery to me. It would appear that earlier rumors about financial difficulties at KYOI are not unfounded. (Mitch Sams, Wichita KS, OMDC DX Log) I don't think I misunderstood KYOI Nov. 3 at 2131 on 9670 --"...your donations are welcomed; without them there will be no KYOI." Said they needed $10 from each listener to finance the operation or they would go under. Gave a Hawaii address.

SRI LANKA [& non] (Adrian Peterson) The final broadcast of the international DX program RADIO MONITORS INTERNATIONAL was on the last Sunday in October from SLBC Colombo and Radio Earth/KCBI in Dallas (one or two weeks later on the delayed relay via Radio Milano International, Italy). RMI was on the air for nearly 11 years and a total of 540 programs. It was a joint project between Adventist World Radio in Poona, India and the Sri Lanka Broadcasting Corp. in Colombo. The program was produced and presented by Adrian Peterson in the Poona studios of AWR. Because of a change in residency regulations in India it was no longer possible for the Peterson family to continue living in India, and they have now taken up residence in Marion, Indiana. The new director of AWR at Box 15, Poona 411001, is Mr D S Poddar. He is an uncle to Sonia Poddar, personality announcer on RMI. Adrian Peterson would like to thank all DXers, monitors, listeners and radio personnel who cooperated so excellently over the past 11 years with AWR, and with RMI. Please note that all reception reports and correspondence will be honoured. If any DXers have reception reports not yet QSLed, these will be verified. If any difficulty is experienced, reports (with return postage) up until the date of the last broadcast of RMI may be sent for verification to Adrian Peterson at 2132 Clayton Court, Marion IN 46952 USA. Thank you, and goodbye from "Radio Monitors International".

SWAZILAND (Chris Bagge, Springfield MA) English language gospel huckster program heard Oct 14 from 2014 to 2030 UTC sign-off on 4980 kHz. Fire and brimstone preacher saying that babies were being murdered every 8 minutes (abortion), and that "America is going to Hell." Other statements included: "Mohammed is not the way, Buddha is not the way, Hare Krishna is not the way, the Virgin Mary is not the way; Jesus is the way." I wonder what the late King of Swaziland, "The Bull," would have thought of this?! There was a sign-off announcement at 2029 by man announcer in English, but I am unable to extract an ID. Radio Truro has a religious program that fits this well, so tentative.

SWEDEN (George Wood, Radio Sweden Int'l) I've been following the comments on the direction of SWEDEN CALLING DXERS with great interest, and I'm happy people care enough about the program to comment. As a correction, the program is supposed to be a maximum of 14 minutes, rather than 12 that has been mentioned. That may seem a small difference, but 2 minutes can be a lot in radio! When I asked in the program for comments about the direction I've been taking, a couple of people wanted more DX tips and less satellite, cable, etc. But most who wrote (perhaps 10 altogether) approved of the changes. And not even the critics, if I recall correctly, wanted the computer material taken out. I've had a lot of support from my colleagues, which is perhaps understandable, since they can now understand at least the beginning of the program. I think what I have to do is to make sure that there is at least 5 minutes of hardcore DX times and frequencies in every program, and keep the satellite/cable material restricted to items that may be of interest to TVRO owners, etc. Satellite DX, in other words. I think that's the direction the hobby will be going in the future anyway. (Remember gh's Popular Electronics article about DXing from the Moon? The future will probably be the opposite--us down here DXing the Moon and Mars!) I go into greater detail on this in my article in the 1986 WRTH.

Turning to RSI news, we've made some major schedule changes beginning Nov. 3. We went through the entire schedule and tried to work out the best times to be broadcasting to different areas. What has now come back from Telecom is not exactly what we asked for, but on paper it is an improvement. The major change to North America is that we're actually beaming to the Midwest at 1400 UTC (on 9695) rather than just aiming at the coast (on 15345) and that West Coast listeners can get us at 0400 (9695) rather than 0230 and 0330, which seems like a more reasonable time [still 2300 on 9695, 6045 as well]. There are bigger changes to other parts of the world--India gets a morning broadcast the the Middle

East gets two broadcasts when people there are awake, rather than one after they've gone to sleep. On paper it looks just dandy, at least from this vantage point. I hope people will give us some feedback --not just if the frequencies are good or bad, but also whether the times are better or not.

T H A I L A N D (Bangkok Post, Aug. 14, via Otton, Taiwan, CIDX Messenger, Oct) Radio Thailand has extended its English-language programming; all broadcasts are on FM 98.0 MHz, AM 927 kHz, and SW 11905 and 9655. (UTC here) 2300 OPENING, PROGRAMME PREVIEW, 2315 FOOD FOR THOUGHT, 2325 NEWS HEADLINES, 2330 TRAVEL THAILAND, 0000 OFFICIAL NEWS BULLETIN (local & world news, news in perspective), 0025 LATEST NEWS FROM WIRE SERVICES, WEATHER REPORT, 0030 SPECIAL REPORT, 0045 BUSINESS NEWS, 0050 SPORTS NEWS, 0055 SOCIAL NEWS, 0100 WORLD NEWS FROM WIRE SERVICES, 0120 A PAGE FROM THAI HISTORY, 0130 FEATURE, 0200 NEWS ON THE HOUR, 0215 HAPPY HOUR, 0300 NEWS ON THE HOUR, 0315 HAPPY HOUR, 0400 NEWS ON THE HOUR, 0415 AROUND TOWN, 0430 CLOSING. 0500 MIDDAY NEWS, 0515 MAIL BOX (M-F), HAPPY HOLIDAY (Sa/Su); 0525 TOPICAL TALK (Tu/Th/Sa), PRESS & PUBLIC VIEWS (M/W/F), THE WEEK THAT WAS (Sun); 0530 OFFICIAL NEWS BULLETIN (local and world news, news in perspective), 0600 CLOSING, except Sat/Sun WEEKEND SPECIAL to 0800. 1130 OPENING, PROGRAMME PREVIEW, 1135 NEWS HEADLINES, REPORT ON TOP STORIES IN THE NEWS, 1145 MAIL BOX (M-F), HAPPY HOLIDAY (Sa/Su), 1150 TOPICAL TALK (Tu/Th/Sa), PRESS & PUBLIC VIEWS (M/W/F), THE WEEK THAT WAS (Sun), 1155 BUSINESS NEWS, 1200 OFFICIAL NEWS BULLETIN (local and world, news in perspective), 1230 CLOSING.

U N I T E D A R A B E M I R A T E S (Joe Hanlon, Philadelphia PA) UAE Radio in Dubai seems to have the worst programming setup of the major international broadcasters. No programs concerning modern-day lifestyles in the Emirates, as was the case earlier this year with SPOTLIGHT or the lighter-sided EMIRATES programs. The week of Nov. 4-8 the only programs they aired, aside from NEWS and PRESS REVIEW, was their historical look at international ZIONISM UNMASKED. The weekend MAILBAG is always interesting to listen to, with propagation reviews and answers to listeners' questions. But if UAE Radio really wants to broadcast programs ina respectable manner suitable to the international listener, then a balanced program schedule must be set up to suit their interests throughout the week.

U S A (gh) I'm happy to report that WORLD OF RADIO has just added another outlet, KCBI Dallas, Fridays at 2100-2130 UTC on 11790 kHz. I hope this will allow many more listeners to hear it clearly. We also hope to go on the evening transmission, once it starts. KCBI has also resumed their own DX capsule, THE RADIO CONNECTION, M-F 1903 & 2000, on 11790, and Sun 1830 on 11905. Info may be phoned in Tu-Sa 02-04 UTC only to 800-223-KCBI.

(Tom McKeon, Indianapolis IN) On Fri. Nov. 15 I went with Jeff White, Max Thomas, and a guy named Mike from the local PBS station to look at Lester Sumrall's shortwave station at Noblesville, 20 mins from here. We talked to the engineer and he gave us a tentative frequency schedule; sign-on is Dec 25 and it looks like they will make it. One Collins 100,000 watt transmitter, room for two more. Two antennas, one log periodic up and one not. 4 megawatts ERP. One beamed to Middle East [up], one to Latin America. Everything looked state of the art. Name is WHRI [World Harvest Radio International]. Schedule: 11-13 5995 [goodbye, Australia], 13-15 11790, 15-17 15105, 17-19 15350, 19-21 11865, 21-23 9720, 23-01 11780 [Amazon!], 01-03 9615, 03-06 6155 [Austria!], 06-08 6100. [Jeff White adds that on-air testing could begin as early as Dec 1; and the stn wants to sell time...]

(gh) NDXE, the station that isn't (yet), Opelika AL, continues publicity promotion, the latest news being that their QSL will be 3-D holographic (like the cover of the latest National Geographic, but I hope with more appealing subject matter); and they are actively seeking out program-swap arrangements with other broadcasters. Projected sign-on date is now July 4, 1986, maybe with Reagan.

(James J Halsema, Glenmoore PA) VOA cooperates with all major international broadcasters in allied nations to ensure best use of frequencies but its mission is to broadcast effectively to other countries. To "program itself automatically to avoid frequencies of countries deliberately broadcasting to the US" SWLs [RIB 104-3] would wreak havoc with its own transmissions. We really aren't that important. Why doesn't RAE find better frequencies?

gh: As a US SWL and taxpayer, I really don't care for your attitude on this. RAE was on 9690 for decades and cannot jump around at will. Fortunately, VOA was more responsive than you and moved to 9870; unfortunately HCJB had the same idea and they have been clashing.

(Lamont M Jensen, UT) If VOA listen to and put into practice even 10% of Dr Kim Andrew Elliott's suggestions, I'm sure VOA can't help but be improved. [Re: RIB 104-2]

COMRADE, YOU'RE ON THE AIR: Talk show host Phil Donahue and Soviet radio and TV commentator Vladimir Posner will moderate an open, spontaneous discussion via satellite between a studio audience in Seattle and a Soviet studio audience in Leningrad on Sunday, Dec. 29. It will be a rare chance for citizens from these two countries will have the chance to talk to each other on TV without restrictions on subjects. (Posner, a regular on the Sunday morning news programs, speaks impeccable, unaccented English.) The program will be syndicated in the USA later that week. In Russia, it will air to an estimated 150 million Soviet viewers in January. (USA Today/J.N.)

(Sen. Paula Hawkins newsletter, Autumn 1985)

RADIO MACCABEE: Responding to the clampdown of Jewish immigration from the U.S.S.R. and to provide encouragement and support for Soviet Jews, she introduced legislation to establish Radio Maccabee. Her idea became reality in September when Maccabee Programming was authorized. As part of Radio Free Europe, the broadcasts will concentrate on meeting the special needs of Jews living in the Soviet Union.

Shortwave Tower Goes Up in Simi Valley (Los Angeles Times, Nov 14 via Don Worsham, CA)

Ministry Targets Central, South America

By DENISE HAMILTON, *Times Staff Writer* [see also cover illustration]

A million-watt transmitter erected Wednesday on a little-known Simi Valley hilltop soon will beam religious programming as far south as the southern tip of South America.

The radio broadcast, which will be heard over Mexican, Central American and South American shortwave bands, beginning Christmas, is the project of a Chatsworth-based religious group called High Adventure Ministry.

High Adventure's founder, George Otis, also built a religious radio station in Beirut that was bombed this year. He has planned the South American broadcasting station for two years, ministry officials said.

The transmitter, on Chatsworth Peak above Box Canyon Road, resembles a giant erector set. On Wednesday, workers raised two 145-foot steel towers on the hilltop and placed a 150-foot antenna across them.

Programming will be broadcast six hours a day, said Paul Hunter, High Adventure's chief engineer. Most programs will be in English at first, although some will be in Spanish, he said. High Adventure officials said they have no idea how large an audience their programs will attract.

Because the shortwave antenna points southeast, San Fernando Valley residents will get only faint reception if they try to tune in the station, Hunter said. The station's call letters are KVOH, which stands for Voice of Hope.

Project Cost $750,000

Ministry officials estimate that the project has cost about $750,000 to build and will require $360,000 in annual operating expenses. Hunter said the money will come from donations made by church groups.

The non-sectarian ministry plans to broadcast contemporary gospel music, secular and religious news and religious lectures, Hunter said.

High Adventure hopes to program its own religious shows, plus those of middle-of-the-road evangelists.

High Adventure decided to broadcast to the Southern Hemisphere because, Hunter said, "Wherever the most trouble is, we need to go in with a message of peace, love and hope to counteract the hatred. South and Central America are very seething areas."

High Adventure is among eight groups, most of them religious in nature, that have been authorized by the Federal Communications Commission to run international broadcast stations, said Charles Breig, an FCC electronics engineer.

Shortwave is favored by groups like High Adventure because it can reach millions of people, Hunter said. A signal from Chatsworth Peak will reflect off the ionosphere and will be directed down to Mexico. From Mexico, it will bounce back into the sky and continue skipping back to earth in successively fainter signals, all the way to Tierra del Fuego at the southern tip of South America.

U S S R

SCHEDULE OF RADIO MOSCOW PROGRAMS FOR NORTH AMERICA
October 1985 - March 1986
EAST COAST (23:00-04:00 UTC) (via Joe Talbot & Kraig W Krist)

TIME UTC	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	TIME UTC
23:00*		N	E	W	S			23:00*
23:10							Soviet Press about Soviet-Amer. Relations	23:10
23:20		INTERNATIONAL		OUTLOOK			RADIO	23:20
23:30							BRIDGE	23:30
23:40	DX Program	Party Congress Preview	Home in the USSR with Nikolai Kurnakov	Science and Engineering				23:40
23:50								23:50
00:00**		N	E	W	S			00:00**
00:10								00:10
00:20	Roundup of Events Daily Sidelights	Political Talk on Soviet Life	MOSCOW MAILBAG Roundup of Political Events Daily Talk Sidelights on Sov. Life	Roundup of Events Daily Talk Sidelights on Soviet Life	Political	MOSCOW MAILBAG		00:20
00:30	Reviewing Your Letters			RADIO BRIDGE		RADIO BRIDGE	Roundup of Political Events Daily Talk Sidelights on Sov. Life	00:30
00:40					HISTORY CLUB	Daily Talk Sidelights on Sov. Life		00:40
00:50								00:50
TIME UTC	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	TIME UTC

* Entire program repeated at 01:00 & 03:00 UTC & 04:00 & 06:00
** Entire program repeated at 02:00 UTC & 05:00 & 07:00

▒ - Flexible programming (interviews, reports, outlooks, music)

DX LISTENING DIGEST Issue 2 is ready now! A huge amount of the latest frequency and schedule information by country with almost 1000 cross-referenced frequencies. Samples $1.50 or 6 IRCs; subs $1 less than RIB, but SPECIAL OFFER thru yearend $2 less for subscRIBers only with current mailing label code.

CHRISTMAS

The Queen's broadcast

About Britain – looks back on some of the week's events *Fris 1945 rep Sats 0030, 0530, 1115*

Anything Goes – a variety of music and much more. Write to Bob Holness at World Service *Sats 1215 rep Mons 0330, 0830*

Assignment – a major weekly examination of subjects of importance *Weds 2030 rep Thurs 0230, 1130, 1615*

Book Choice – four editions each week: *Sun 2225 rep Mon 1709; Wed 0440; Mon 2225 rep Tues 0540; Tues 2110 rep Thurs 0140; Wed 1740 rep Thurs 2100; Fri 0145*

Business Matters – a weekly survey of commercial and financial news *Thurs 2030 rep Fris 0330, 1030*

Classical Record Review – Edward Greenfield reviews new releases *Suns 1015 rep Suns 1900, Weds 0815, Thurs 0430*

Development '85 – *Mons 1115 rep 1545, Tues 0815, Fris 0215*

The Farming World – *Tues 1840 rep Weds 1225 Thurs 0640, Thurs 2340*

From Our Own Correspondent – BBC correspondents comment on the background to the news. *Sats 2209 rep Suns 0315, 0730, 1115*

From the Weeklies – a review of the British weekly press *Fris 2315 rep Sats 0730*

Good Books – recommendation of a book to read *Mon 0315 rep 0915, Wed 1945, 2315*

Jazz for the Asking – Peter Clayton plays listeners' jazz requests *Sats 2030 rep Suns 0630, Fris 1215*

John Peel – selects tracks from newly released albums and singles from the progressive rock scene in Britain *Tues 0330 rep Thurs 0830, Fris 1330*

A Jolly Good Show – Dave Lee Travis presents pop news, interviews and your requests *Sats 0815 rep Tues 1515, Thurs 2115*

Letterbox – listeners' opinions on World Service programmes *Fris 1445 rep Sats 0145, 2315, Mons 0530*

A Letter from.... – explores a theme arising from the week's events in Scotland, Wales, England and Northern Ireland in turn. *Tues-Fris 1125 rep 1709, 2225*

Letter from America – *Sats 1015 rep Suns 0545, 1645, 2315*

Merchant Navy Programme *Thurs 2315 rep Fris 0745, 1015*

Meridian – each week, three topical programmes about the world of the arts *Sats, Weds, Fris 0630; Sats, Weds, Fris 1130; Suns, Tues, Thurs 1715*

Monitor – a weekly survey and analysis of comment from radio stations around the world *Weds 1715 rep Thurs 0145, 0945*

Music Now – presented by John Amis *Fris 0030 rep Fris 0830, 2115, Sat 1400*

Nature Notebook – *Tues 1830 rep Weds 1215, Thurs 0630, 2330*

A festive half-hour with Cantabile.

The Queen's Christmas Message

Queen Elizabeth II once more continues the tradition of a Christmas broadcast that was started by her grandfather George V in 1932. To enable her message to reach the maximum number of listeners, BBC World Service is providing special frequencies in addition to the normal ones.
25th 0930 rep 1500, 2245
0930
West and Central Africa: 15.40*, 11.86 MHz; **Southern Africa:** 15.40*, 9.515* MHz; **Middle East 639* and 720* (medium wave); Australia:** 9.64 MHz; **West Indies:** 6.195 MHz
1500
North and Central America: 15.26, 9.515, 6.195 MHz; **West Indies:** 11.775, 6.195 MHz; **South America:** 21.71, 21.66, 17.885, 15.40 MHz
2245
North America: 9.59, 6.12 MHz
***These frequencies continue after 0935 with Festival of Nine Lessons and Carols**

Review of the Year

To mark the end of 1985, *Outlook* has a special edition containing highlights of the year's programmes. These include studio guests, visits to other countries and some items from the lighter side of the programme.
31st 1400, 1900, Jan 1st 0100

This Is Christmas

Four World Service announcers present their own picture of Christmas in words and music, and in so doing present a picture of themselves...
24th 1630 rep 25th 1245, 26th 0215
24th 1930 rep 25th 1430, 26th 0545
25th 0545 rep 1645, 27th 0915
27th 0545 rep 1645, 2209

Festival of Nine Lessons and Carols

For many listeners round the world, the festival, broadcast on Christmas Eve from the Chapel of King's College, Cambridge, has become the sound of Christmas itself. It was first held there on Christmas Eve, 1918, and was itself derived from a modest service held in Truro, Cornwall, in 1880, at which the lessons were read by various officers of the Church, beginning with a chorister and ending with the Bishop.

The festival has been broadcast from King's annually since 1928 (with the exception of 1929) and heard throughout the world over the BBC since the 1930s.

The special magic of the occasion is due partly to the magnificence of its setting, the quality of the singing (the Chapel choir, under its music director Stephen Cleobury, is one of the finest of its kind), and the simplicity of the service itself.

As usual, there are one or two new or less familiar carols, but most of the music to be sung by the choir and congregation consists of old favourites starting, as always, with the moving processional *Once in Royal David's City*.
24th 1500 rep 25th 0030, 0935

Christmas Omnibus

Michael Steffan, Stewart Collins, and Nicholas Ibbotson and Richard Bryan met when studying at Cambridge University, formed a four-part harmony singing group and called themselves **Cantabile** (a musical term meaning "in a singing style").

Following their 1983 appearance in the Tim Rice and Stephen Oliver musical *Blondel* they were suddenly much in demand for radio and television appearances in Britain, Europe and the USA – not only for their singing which covers a very wide and varied repertoire, but also for the humour and wit of their presentation.

In a special programme for *Omnibus* they have chosen a selection of songs with a Christmas flavour, which comes in their very personal gift-wrapping.
17th 1615 rep 2030, 18th 0030, 1000

Christmas Day Service

Traditionally, the Church of St Martin-in-the-Fields in Trafalgar Square, right in the heart of London, has been regarded as the 'parish church of the BBC World Service'. On Christmas Day listeners return there for a special family service of Christmas praise, led by the new vicar, who took up his appointment earlier this year, the **Rev Geoffrey Brown.**
25th 1215 rep 2209

The Meaning of Christmas

Christmas may bring many different memories, but its meaning is the same for people all over the world. In a series of three meditations with music, speakers recall past celebrations that have made more real for them the present reality of the Christmas event.

On Christmas Eve **Graham Maddox** reminds listeners that in Australia Christmas is a summer festival and yet its winter carols serve to emphasise the universality of the feast *24th 1245 rep 1745, 2245*

On Christmas Day **Esther de Waal** recalls a visit to Bethlehem that made her realise how 'down to earth' the birth of Jesus really was *25th 0315 rep 0915, 1745*

And on Boxing Day **Michael Buss** distinguishes between the traditions that have grown up around Christmas and the historic records of what actually took place *26th 0315 rep 0745, 1245*

Watchnight Service

The International Year of Youth is coming to an end. For the **Rev Myra Blyth,** Youth Secretary of the British Council of Churches, it has brought much travel and many conferences in which she has been able to share the experiences and learn about the hopes and fears of young people all over the world.

Reflecting on what she has seen and heard, she leads a Watchnight Service of meditation, music and prayer, to celebrate the passing of the old year and to welcome 1986. She is herself a young ordained Baptist minister and, as a Scot, is well-versed in the tradition of marking 'Hogmanay' – the old year's night and the new year's dawning.
31st 2330

Christmas Programmes 1985

CHRISTMAS EVE DECEMBER 24TH

0000 **World News**
09 News about Britain
15 Radio Newsreel
30 Sarah and Company

0100 **News Summary**
Frank Sinatra: A Voice for all Seasons
45 *Persona Grata

0200 **World News**
09 British Press Review
15 *Network UK
30 Fairy Tales

0300 **World News**
09 News about Britain
15 The World Today
30 *Space Force

0400 **Newsdesk**
30 Sounds of Strings
45 Financial News
55 Reflections

0500 **World News**
09 *Twenty-Four Hours: News Summary
30 *New Ideas
40 *Book Choice
45 The World Today

0600 **Newsdesk**
30 *Rock Salad

0700 **World News**
09 Twenty-Four Hours: News Summary
30 *Persona Grata
45 *Network UK

0800 **World News**
09 Reflections
15 Development '85
30 Beethoven and the Violin

0900 **World News**
09 British Press Review
15 The World Today
30 Financial News
39 Look Ahead
45 What's New

1000 **News Summary**
Bach's Christmas Oratorio
30 Something Unspoken

1100 **World News**
09 News about Britain
15 Waveguide
25 A Letter from Scotland
30 How Santa Claus Came To Simpson's Bar

1200 Radio Newsreel
15 Engineering at the Sharp End
45 The Meaning of Christmas

1300 **World News**
09 Twenty-Four Hours: News Summary
30 Space Force

1400 News Summary followed by Sting
45 Sounds of Strings

1500 *News Summary followed by: Festival of Nine Lessons and Carols
30 This Is Christmas
45 Dyslexia Need Not Be A Disaster

1700 **World News**
09 *A Letter from Scotland
15 *Meridian
45 The Meaning of Christmas

1800 **Newsdesk**
30 Bach's Christmas Oratorio

1900 News Summary followed by Take It From Here
30 This Is Christmas
45 That's Trad

2000 **World News**
09 Twenty-Four Hours: News Summary
30 Space Force

2100 **News Summary**
Natural Selection
10 Book Choice
15 From The Promenade Concerts

2200 **World News**
09 Bach's Christmas Oratorio
40 Reflections
45 The Meaning of Christmas

2300 **World News**
09 Commentary
15 Sing Gospel!
30 Engineering at the Sharp End

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book of the Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1500-1515 Radio Newsreel
1615-1630 Focus on Africa
1630-1645 Blueprint Africa
1709-1725 Focus on Africa
1725-1730 African News
1730-1745 Blueprint Africa

FALKLANDS
2130-2200 Calling The Falklands

CHRISTMAS DAY DECEMBER 25TH

0000
09 News about Britain
15 Radio Newsreel
30 Festival of Nine Lessons and Carols

0200 **World News**
09 Commentary
15 *Sex and Violence and Opera
30 Something Unspoken

0300 **World News**
09 News about Britain
15 The Meaning of Christmas
30 Space Force

0400 **Newsdesk**
30 Waveguide
40 Book Choice
45 Interlude
55 Reflections

0500 **World News**
09 *Twenty-Four Hours: News Summary
30 *What's New
45 This Is Christmas

0600 **Newsdesk**
30 *Meridian

0700 **World News**
09 Twenty-Four Hours: News Summary
30 *God in the Straw
45 *That's Trad

0800 **World News**
09 Reflections
15 Classical Record Review
30 Just A Minute

0900 **World News**
09 Look Ahead
15 The Meaning of Christmas
30 The Queen's Christmas Broadcast
35 Festival of Nine Lessons and Carols

1100 **World News**
09 News about Britain
15 Natural Selection
25 A Letter from Wales
30 Meridian

1200 Radio Newsreel
15 Christmas Day Service
45 This Is Christmas

1300 **World News**
09 Twenty-Four Hours: News Summary
30 Space Force

1400 News Summary followed by Take It From Here
30 This Is Christmas
45 God in the Straw

1500 The Queen's Christmas Broadcast followed by Radio Newsreel
15 *A Future for the Industrial Past
30 Radio Active

1600 **World News**
09 Commentary
15 *Rock Salad
45 This Is Christmas

1700 **World News**
09 *A Letter from Wales
15 *How Santa Claus Came to Simpson's Bar
45 The Meaning of Christmas

1800 **Newsdesk**
30 Top Twenty

1900 News Summary followed by The Selfish Giant
45 God in the Straw

2000 **World News**
09 Twenty-Four Hours: News Summary
30 Space Force

2100 **News Summary**
Dyslexia Need Not Be A Disaster
15 Album Time
45 Recording of the Week

2200 **World News**
09 Christmas Day Service
40 Reflections
45 The Queen's Christmas Broadcast

2300 **World News**
09 Commentary
15 Good Books
30 Top Twenty

ALTERNATIVES

SOUTH ASIA
0215-0230 Radio Newsreel

AFRICA
0330-0400 Network Africa
0509-0515 Book Of The Day
0515-0545 Network Africa
0630-0700 Network Africa
0730-0800 Network Africa
1515-1530 The Arts And Africa

BOXING DAY DECEMBER 26TH

0000 **World News**
09 News about Britain
15 Radio Newsreel
30 Radio Active

0100 **News Summary**
How Santa Claus Came to Simpson's Bar
30 Waveguide
40 Book Choice
45 *Dyslexia Need Not Be A Disaster

0200 **World News**
09 Commentary
15 This Is Christmas
30 Assignment

0300 **World News**
09 News about Britain
15 The Meaning of Christmas
30 Space Force

0400 **Newsdesk**
30 Classical Record Review
45 Just Like You and Me
55 Reflections

0500 **World News**
09 *Twenty-Four Hours: News Summary
30 *Peebles' Choice
45 This Is Christmas

0600 **Newsdesk**
30 *Take It From Here

0700 **World News**
09 Twenty-Four Hours: News Summary
30 *Sing Gospel!
45 *The Meaning of Christmas

0800 **World News**
09 Reflections
15 Country Style
30 How Santa Claus Came to Simpson's Bar

0900 **World News**
09 Look Ahead
15 Bach's Christmas Oratorio
45 Brotherhood of Brass

1000 **News Summary**
Jerome Kern, American Genius
30 Radio Active

1100 **World News**
09 News About Britain
15 New Ideas
25 A Letter from England
30 Assignment

1200 **Radio Newsreel**
15 Top Twenty
45 The Meaning of Christmas

1300 **World News**
09 Twenty-Four Hours: News Summary
30 Space Force

1400 News Summary followed by The Selfish Giant
45 Juke Box Dury

1500 Radio Newsreel
15 *The Pleasure's Yours

1600 **World News**
09 Commentary
15 Sports Special

1700 **World News**
09 *A Letter from England
15 *Meridian
45 Sports Round-up

1800 **Newsdesk**
30 Bach's Christmas Oratorio

1900 News Summary followed by Frank Sinatra: A Voice for all Seasons
45 Good Books

2000 **World News**
09 Twenty-Four Hours: News Summary
30 Space Force

2100 **News Summary**
Book Choice
05 In the Meantime
15 Sting

2200 **World News**
09 Bach's Christmas Oratorio
40 Reflections
45 Sports Round-up

2300 **World News**
09 Commentary
15 Merchant Navy Programme
30 Assignment

ALTERNATIVES

SOUTH ASIA
0215-0230 Radio Newsreel

AFRICA
0330-0400 Network Africa
0509-0515 Book of the Day
0515-0545 Network Africa
0630-0700 Network Africa
0730-0800 Network Africa
1515-1530 Focus on Africa
1615-1630 Focus on Africa
1630-1645 Medical Prog
1709-1725 Focus on Africa
1725-1730 African News
1730-1745 Medical Prog

FEATURES

BBC WORLD SERVICE IN DECEMBER 1985

A different twist

Once Upon a Time

'Once upon a time', the fairy tale begins. And children from very different cultures are familiar with what comes next. The pure young girl, the wicked witch, the handsome prince, the enchanted sleep – vice punished and virtue rewarded. We all know what fairy tales are about – or do we?

This programme takes a familiar fairy tale and retells it – to a psychiatrist, a historian, a writer, and a group of children. Their very different interpretations twist a familiar tale into a new shape – and reveal that fairy tales are much too serious and disturbing to be left exclusively to children.

24th 0230 rep 27th 1030, 1910

Engineering at the Sharp End

Most of us get to hear about great engineering schemes – like bridges, dams or roads – when construction is finished and some august personality, like a prince or prime minister, arrives to open them. By that time all the dirty work has been done, and most of the engineers and "hard hat" construction workers have moved on to another job.

The extraordinary human effort that goes into making the capital schemes that transform our environment – the adventure, the uncertainties, the unseen obstacles, the delays, the frustrations; all these are easily forgotten in bland smiles of the dignitaries and VIPs who arrive when everything is finished, to cut tapes or unveil ceremonial plaques.

In this programme **Malise Ruthven** looks at a major engineering scheme half-way towards completion: the Mrica hydroelectric dam in Central Java, Indonesia, an Anglo-Swedish venture costing £320 million.

He finds out what it is like to move 13 million cubic metres of muck in one of the world's wettest climates and how more than 120-plus British and other foreign workers and their families cope with their isolated existence in an exotic, foreign land. He also talks to some of the local villagers, to find out what *they* think about the scheme.

22nd 1615 rep 24th 1215, 2330

John Arlott's Poetry Book

Writer and cricket commentator **John Arlott** introduces the final three programmes of poetry which has given him pleasure over the years. As before, **Robin Holmes** reads the poems.

John Betjeman

He was in John Arlott's words 'a great, loved and lovable, and most unusual Laureate'. This programme contains some of Betjeman's best-known poems *1st*

Shakespeare's Poems

John Arlott looks at some of the poetry Shakespeare wrote apart from his famous sonnets *8th*

The Quality of Poetry

To conclude the series John Arlott asks the question 'What is Poetry?' and finds answers in the work of Blake, Shelley and Keats *15th*

Suns (until 15th) 0215 rep 2209, Mons 1445, Fris 0945

Good Books

Christopher Hope, the South African poet and novelist talks about James Joyce's **Portrait of the Artist as a Young Man** *2nd;* followed by journalist Moira Bremner on Rosamond Lehmann's **The Echoing Grove** *9th*. Then two British playwrights round off the month: Hanif Kureishi has chosen **Another Country** by the black American writer, James Baldwin *16th;* and Snoo Wilson discusses **Pale Five** by Vladimir Nabokov *23rd*

Mons 0315 rep 0915, Weds 1945 (ex 25th), 2315, Thurs 25th only 1945

The disturbing world of fairy tales is explored in *Once Upon a Time.*

God in the Straw

Divinity is not locked, winter frozen, in history's word for ever more;
Today, with king and shepherd, seek ye God in the Straw.

Actor **Paul Alexander** (who is a lay member of the Anglican Franciscan Order) retells the Gospel Nativity story of God's word made flesh in Jesus Christ. It is a story of angels' messages, a donkey journey, a stable birth and of kings and shepherds who gaze upon "the Messiah in a manger".

Along with Matthew's and Luke's Gospel words, the story is also proclaimed with music and song from the National Theatre's production of *The Mystery Plays* – a highly successful production capturing the essence of the mediaeval mystery plays and packing two London theatres throughout the year.

25th 0730 rep 1445, 1945

The Goon Show: Nineteen Eighty-Five

A vintage comedy treat for all 'Goons' fans – *Spike Milligan, Peter Sellers* and *Harry Secombe* present their own version of George Orwell's classic story *1984*, with the BBC as the Big Brother Corporation.

There are television screens in every room, organised 'hate' sessions directed at the Independent Television Army and horrific tortures carried out in room 101 in the form of radio programmes from the 1950s.

This edition of *The Goons* was devised by Spike Milligan and Eric Sykes after the runaway success of the television dramatisation of Orwell's book in December 1954.

After its first two transmissions in 1955, however, the recording of Nineteen Eighty Five apparently disappeared – until last year, when Light Entertainment producer – Richard Edis did a little detective work, with the help of External Services studio manager and 'Goons' fan, Roger Wilmut and the BBC's Transcription Service.

Between them, the programme was unearthed and can be heard for the first time on World Service this month.

28th 0630 rep 1130, 29th 1715

Radio Active

BBC World Service proudly offers you the chance to find out what broadcasting is *really* like in Britain, when it joins Britain's newest and most accident-prone local radio station, *Radio Active*, for half-an-hour's entertainment.

Local radio stations are desperately starved of money, and their versatile, enthusiastic and dedicated members of staff have to be prepared to do just about anything in the valiant struggle to keep their station on the air. Talented broadcasters like Anna Daptor, Nigel Pry, Mike Channel, Mike Flex and Uncle Mike Stand (strange that radio stations need so many Mikes...) regularly undertake such diverse duties as newsreading, interviewing and disc-jockeying.

This week they turn to drama, to bring you a live performance of Charles Dickens' classic novel *Martin Chizzlenutt*. Starring **Helen Atkinson Wood, Philip Pope, Angus Deayton, Geoffrey Perkins** and **Michael Fenton-Stevens.** Written by Angus Deayton and Geoffrey Perkins and produced by Jamie Rix. BBC World Service plans to link-up with Radio Active again in January.

25th 1530 rep 26th 0030, 1030

Just a Minute

Nicholas Parsons chairs the contest in which guests try to speak for a minute without repetition, hesitation or deviation from the subject. Panellists in December include **Kenneth Williams, Clement Freud, Peter Jones, Derek Nimmo, John Junkin, Victoria Wood, Tim Rice, Libby Purves, Gyles Brandreth** and **Barry Cryer.**

Sats (until 21st) 0330 rep Mons 1215, 2330, Weds 0830

Dyslexia need not be a Disaster

Sue Loftus-Brigham was in her twenties when she discovered that she was suffering from dyslexia, a disability that causes difficulty in reading and writing, among other things. In this talk she tells how she has managed to have a successful career as a theatrical designer, in spite of a desperately unhappy childhood when her problems were misunderstood by her parents and school-teachers.

24th 1645 rep 25th 2100, 26th 0145

FEATURES

BBCWS IN DECEMBER

The bugs strike back

Elizabeth 1 – longest-reigning Tudor.

The Tudors

The death of Henry VIII in 1547 brought his nine year old son **Edward VI** to the throne. According to historian G.R. Elton, "Edward was naturally haughty and arrogant, like all the Tudors; also like all his family, he had a marked intellectual ability which appalling schooling had turned into a precocious passion for Protestant theology. The king was a cold-hearted prig. A fact which not even the pathos of his miserable death can make one forget." *1st*

When **Mary I** succeeded her younger brother in 1553 she was the first Queen to rule in her own right since the 12th century. She was also a devout Catholic and tried desperately to return to the situation before her father, Henry VIII's break with Rome. "It was her particular misfortune that the two things in the world to which she was devoted, her husband and her religion, were the two things which most estranged her from her people," wrote Conyers Read. Mary's successor was determined not to repeat her mistakes. From the very beginning of her reign in 1558 Elizabeth was "a most politick princess." *8th*

Elizabeth I reigned longer than any of the other Tudors and has, according to one somewhat cynical historian, become "one of the articles of the English national faith." Her amazingly successful mixture of arrogance and pragmatism can be seen very clearly in her own supposed words. "I am your anointed Queen. I will never be by violence constrained to do anything. I thank God I am endued with such qualities that if I were turned out of the realm in my petticoat I were able to live in any place in Christendom." *15th Suns (until 15th) 1615 rep Tues 1215, 2330, Thurs 0330*

Assignment

A year ago – as Christmas approached – the bitterness in Britain's miners strike intensified. For the men defying the National Coal Board, and their families, it was a bleak time. **Janet Davey's** report from the Derbyshire mining community of Shirebrook reflected the divisions which typified this strike. Men on the picket lines saw their brothers and sons going into work and there was a deep sense of anger.

The strike is now over and all the miners are back at work. So with Christmas 1985 imminent Janet Davey has been back to Shirebrook to see if time has healed the deep divisions within a close-knit community.

Weds (ex 25th) 2030 rep Thurs 0230, 1130, 1615 (ex 26th)

Questions of Faith

A Muslim scholar, teaching in the early part of this century, wrote "Do not let us argue about God ... you tell me your beautiful names for God and I will tell you mine". These discussion programmes provide a forum in which representatives of four of the world's religious traditions exchange and discuss what their faiths share and where they differ.

In the series, chaired by **Pauline Webb,** their explorations include the areas of mission, worship, scripture and prayer. Taking part are Hindu priest **Ranchor Das** of London's Hare Krishna Temple; the scholar and writer, **Dr Albert Friedlander,** Rabbi of the Westminster Synagogue; the **Rev Alan Race,** director of studies at an ecumenical London-based institute engaged in training people for the Church's ministry; and **Mashuq Ally,** director of the Islamic Foundation, Leicester, in the English Midlands.

From 15th Suns 2330 rep Mons 0630, 1000, 1515

A Future for the Industrial Past

The decline of Britain's traditional industries h... had one beneficial side effect – a proliferation of interesting new museums in old abandoned industrial sites.

New non profit-making owners have reactivated many of the factories to demonstrate traditional methods of manufacture and technological development, in fields such as textiles and ceramics.

At the Gladstone Pottery Museum in Stoke-on-Trent for example, craftsmen are using early 19th century kilns to make a variety of goods for sale to visitors.

During this series **Malcolm Billings** also explores the galleries of a working coal mine at the Chatterly Whitfield Mining Museum and the acres of Victorian and Edwardian buildings in a full scale industrial town setting at the Beamish Open Air Museum in the North East of England.

And to illustrate the importance of Britain's canals for industry in the 18th and 19th centuries, he visits the world's oldest working steam pumping station which was built for the Kennet and Avon Canal System in 1810.

Sats 2100 rep Suns 0945, Weds 1515, Fris 0530

Natural Selection

Brief glimpses into the strange and magical world of nature.

The Gnu – spelt GNU
Malcolm Coe examines one of nature's stranger beasts with one of nature's oddest names. Tens of thousands of gnus wander across the vast plains of Southern Africa – a ready source of food for stalking lions *23rd*

The Paradoxical Human Male
Barry Paine looks at the relative size of males and females in different species and reveals that human beings are the odd ones out *30th*
From 23rd Mons 0445 rep Tues 2100, Weds 1115

Superbugs

The war against disease is often made out to be simply a matter of advances by scientists and doctors and retreats by bacteria and parasites. But it isn't like that at all. The bugs win battles too. It is more a matter of the cops – the scientists – trying to keep one jump ahead of the robbers – the bugs. And often the robbers overtake the cops. What is more, the more heavily we attack the enemy with drugs and antibiotics, the more rapidly he counter-attacks, evolving resistance, sometimes, to everything we can throw at him and becoming virtually impregnable, until researchers dream up completely new weapons – if they can. Sometimes Superbug wins.

So, are all-out attacks on resourceful germs really the best policy? BBC World Service talks to scientists who believe that such policies do more harm than good, and who think we must learn to live with our old enemies, even to regard them as creatures with whom we have to share the planet, whether we like it or not. **John Newell,** editor of BBC External Services' Science Unit, investigates.

29th 1615 rep 31st 1215, Jan 2nd 0330

Just Like You and Me

Johnny Morris recalls encounters with two unusual animals.

In **Slight Embarassments** he recounts the story of Jack the orang-utang at Bristol Zoo *26th 0445 rep 27th 0930;* and in **Very Much Like You And Me** he describes how a horse called Colonel reacted to a red-topped vintage car *27th 0445 rep 1900*

Omnibus – each week a half hour programme on practically any topic under the sun. *Tues 1615 rep 2030, Wed 0030, 1000*

People and Politics – background to the British political scene with reports on Parliament. *Sats 0230 rep 1030, 2130*

The Pleasure's Yours – write to Gordon Clyde for your classical requests *Suns 0815 rep 2115, Thurs 1515*

Recording of the Week – a personal choice from the new releases *Sats 0045 rep Mons 0545, Tues 1345, Weds 2145*

Reflections – a daily consideration of the meeting point between religion and life *daily 0455 rep 0809, 2240, Suns 1709*

Religious Services – BBC World Service presents four Advent services from the Chapel of King's College, London *1st-22nd;* Service led by the Rt Rev David Smith, Moderator of the General Assembly of the Church of Scotland and Minister of Logie Parish Church, Stirling *29th Suns 1030 rep Mons 0030*

Report on Religion – a weekly magazine of religious news and views *Weds 0130 rep 0730, 1445, Thurs 1945*

Sarah and Company – 30 minutes of guests and music *Fris 1715 rep Mons 0730, Tues 0030*

Science in Action – *Fris 1615 rep 2030, Suns 0915, Mon 0230*

Sunday Half-Hour – 30 minutes in the company of schools and local church congregations with the history and message of the hymns they sing traced by a guest presenter *Suns 2030*

The Sandi Jones Request Show – *Suns 1345*

Top Twenty – records and news of the hit parade *Weds 1830 rep 2330, Thurs 1215.*

Waveguide – how to hear us better *Suns 0750, Tues 1115, Weds 0430, Thurs 0130*

DRAMA

BBCWS IN DECEMBER

Epic of the underdog

Les Misérables

by Victor Hugo

"So long as there shall exist, by reason of law and custom, a social condemnation which artificially creates hells on earth... so long as ignorance and misery remain on earth, books like this cannot be useless."

Victor Hugo

Written over a period of nearly 20 years, this melodrama, social document and thrilling detective story, is a huge canvas depicting how poverty-stricken Parisians lived at the beginning of the 19th century.

It is an epic tale about underdogs – those who are rejected by society and those who rebel against it: a vivid gallery of characters who fight a daily battle between good and evil in the streets of Paris: in the sewers, behind the barricades of 1830, within the crumbling walls of tenement houses, and in squalid shacks and hovels...

The central character is Jean Valjean, an honest peasant. He stole a loaf of bread to feed his sister's starving family and was sentenced to five years in prison. For trying to escape, he is eventually condemned to spend 19 years in the galleys.

Not surprisingly, Valjean emerges on parole a very hardened man. Yet, society shows him no pity and the only helping hand he receives is from an old bishop who tries to save his soul.

On his way to start life anew, however, the former convict breaks his parole and commits a minor crime. He bitterly regrets his impulsive action but that does not prevent police inspector Javert from trailing and pursuing him relentlessly through France.

They try to outwit each other in a seemingly endless duel. When Valjean takes it upon himself to bring up the orphan Cosette, he is once more on the run.

Can the former criminal escape his reputation and build up a new life for himself and for Cosette? Will the implacable Javert – the sone of a galley-slave – show any mercy?

This production, translated by Charles E Wilbour and dramatised by Barry Campbell is directed by Walter Acosta.

The Convict *8th;* **The Trial** *15th;* **The Year 1823** *22nd;* **The Convent** *29th*
From 8th Suns 1915 rep Mons 0100, Fris 1515

Victor Hugo

George Steiner presents a centenary tribute to the French poet, novelist, playwright and political activist, **Victor Hugo.** Hugo is remembered as the author of powerful historical works such as *The Hunchback of Notre-Dame,* and the novel in which he championed the cause of the poor and oppressed, *Les Misérables,* (see above).

He came to be acknowledged as the spokesman for working men and women not only in France, but in the whole of the industrialised world. He had a profound influence on the arts, particularly opera – Verdi was among the composers who set his dramas to music. And as George Steiner explains, Hugo even influenced such twentieth-century art forms as the cinema and television.
28th 0315 rep 0545, 0915

Take It From Here

A Christmas dollop of vintage humour with the Glum family demonstrates how a typical English family spend a typical English Christmas – eating, drinking and making merry with party games. Sardines is a favourite game in the Glum household, but a sticking cupboard door plays havoc with Mr Glum's schemes for Rosie the barmaid.

Starring **Jimmy Edwards** as Mr Glum, **Dick Bentley** as Ron and **June Whitfield** as Eth.
24th 1900 rep 25th 1400, 26th 0630

Sporting Highlights of 1985

One of the most historic moments in a year of sporting surprises was seen on the centre court at Wimbledon, when 17-year-old **Boris Becker** from West Germany became the youngest ever men's singles champion. And if that wasn't enough to surprise the sports followers, both the United States Open titles went to Czechs – **Ivan Lendl** and **Hana Mandlikova.**

England's cricketers, following success on their winter tour of India, regained the Ashes from Australia in a memorable series – and this despite the extremely wet British summer. There was joy too, for the Sri Lankan team as they recorded their first ever Test victory against India.

Great Britain and Europe defeated the United States to win golf's Ryder Cup for the first time in 28 years, and Britain's Sandy Lyle won the Open.

There were some dazzling performances in athletics especially from **Mary Decker-Slaney** from the United States and Britain's **Steve Cram,** who broke three world records in just 24 days.

Steve Cauthen won four of the five horse racing classics of the season; the One Thousand Guineas, the Derby, the Oaks and the St Leger, indeed all the classic winners were British trained.

These are just some of the great sporting moments **Paddy Feeny** recalls in this programme.
28th Saturday Special rep 30th 2030, 31st 0230 and 1130

How Santa Claus Came to Simpson's Bar

by Bret Harte

Simpson's Bar was a small settlement which "clung like a swallow's nest to Table Mountain" above the Sacramento Valley. An out-of-the-way sort of a place that Santa Claus might miss, even in a good year. But the storms that Christmas Eve of 1862 had swollen the rivers and effectively cut off the small community from the rest of the world. One small, sick little boy had never even heard of "Sandy Claws", so Dick Bullen, his ugly mare Jovita and some friends, decided to put things right...

Read by **Ed Bishop** and produced by Maurice Leitch.
24th 1130 rep 25th 1715, 26th 0100, 0830

Persona Grata

Two more programmes from the series in which well-known broadcasters are invited to choose fictional characters that they find particularly funny.

The late **Roy Plomley,** who presented *Desert Island Discs,* recalls the popular view that the English Christmas was the invention of Charles Dickens; Mr Wardle's Christmas Party, from *The Pickwick Papers,* illustrates the point. In *Run out the Raj* by Dennis Castle, set in an Indian hill station in 1945, there is a hilarious cricket match: and Mugs the dog takes the biscuit in *The Dog that Bit People* by James Thurber.

Read by **Garard Green** and produced by Margaret Bradley.
23rd 1615 rep 2315, 24th 0145, 0730

Brian Redhead, chairman of *A Word in Edgeways,* enjoys the humour of Michael Frayn and in particular his character – Rollo Swavely, a public relations consultant who can defend anything. Vague McMellamy – *The Crank who Made the Revolution* – is the creation of Alasdair Gray, from his *Unlikely Stories, Mostly,* and Ignatius J. Riley, who dislikes everything about the modern world, comes from the pen of John Kennedy Toole, in his book **A Confederacy of Dunces.**

The readers are Bill Paterson and Mark Rolston and the producer Margaret Bradley.
30th 1615 rep 2315, 31st 0145, 0730

Christmas Sports Programmes

Sports programmes are re-arranged over the Christmas period. There are no editions of *Sports Round Up* after the 2245 programme on 23rd until *1745* on *26th* and there is also no edition of Sports International in Christmas week. But Geoff Parker presents a *Sports Special* on *26th 1615,* featuring association football commentary, cricket from Australia and racing from Kempton Park.

Regular Sports Programmes

Saturday Special – Sats 1515, 1615
Sports Round Up *daily 1245 (ex Suns 1330) 1745, 2245*
Sports International *Mons (ex 23rd) 2030 rep Tues 0230, 1130 (ex 24th)*

Look Ahead previews programmes for the day *daily 0939 (ex Suns)*

In the Meantime – What's new on World Service *Thurs 2105 rep Fris 0150, 1115*

Space Force

by Charles Chilton

The year is 2010. The spaceship *Freighter Nine* takes off on a routine flight to the Moon with four men on board – the captain, Saxon Bury, Engineer Lauderic St Sere, Communications Officer Chipper Barnet, and Professor Magnus, a scientific observer. But once they arrive on the Moon they are to be transferred to a new secret mission – Space Force. They have no idea what lies ahead of them, until Chipper Barnet picks up strange and elusive radio signals – a voice repeating the mysterious words "Epsilon Solar".

Starring **Barry Foster, Nigel Stock, Nicky Henson** and **Tony Osoba,** this six part dramatisation is broadcast on six successive days.

The Voice from Nowhere *24th;* **Towards the Unknown** *25th;* **The Silver Strangers** *26th;* **The Time Ship** *27th;* **Threshold of the Stars** *28th;* **Marooned in Space** *29th.* Producer: Paul Mayhew-Archer.
Daily 24th-29th 0330 rep 1330, 2030

Hello, Out There

William Saroyan

This is a tender love story between a young man and a lonely girl. But their love grows under terrible circumstances, because the young man is in a Texan prison cell, accused of rape. Emily is his only hope for escape, but she's just an exploited girl, who cleans the prison for a few cents. **William Hope** is the young man and **Liza Ross** the girl. The producer is Jane Dauncey.
29th 1430 rep 30th 1830, 31st 1030, Jan 1st 0230

Quote ... Unquote

Launching a new series of the quiz based on what people said are the distinguished actor **Sir Anthony Quayle,** journalist **Jean Rook** of the *Daily Express,* television historian **Michael Wood** and **Bernard Bresslaw,** an actor whose repertory ranges from the farce of the *Carry On* films to Shakespeare.

Quotations are read by **Ronald Fletcher,** and the series is devised and presented by **Nigel Rees.**
Starting 30th 1215, 2330, Jan 1st 0830

DRAMA

BBCWS IN DECEMBER

PLAY OF THE WEEK

Philadelphia, Here I Come

by Brian Friel

"If I had to spend another week in Ballybeg, I'd go off my bloody head!... I hate the place and every stone and every rock and every piece of heather around it! Hate it! Hate it! And the sooner the plane whips me away, the better I'll like it!"

Gareth O'Donnell's humdrum existence in the small village of Ballybeg, County Donegal, is about to end. In the morning, he is leaving for the USA, to start a new and exciting life in Philadelphia. That, at least, is what the public Gar says. But the private Gar, the inner man, his alter ego, has other ideas.

The play adapted for radio by the author himself, stars **Michael McKnight** as Gareth, **James Berwick** as S.B. O'Donnell and **Pauline Delany** as Madge. Directed by Martin Williamson.
7th 1830 rep 8th 0030, 1130

East of the Sun and West of the Moon

A Norwegian folk tale
dramatised by Louis MacNeice

Deep in the northern forest, in a damp and misty valley, a woodcutter and his family live in a tumbledown cottage. They are very poor, and live in constant fear of the sinister trolls, who can cast spells on human beings. One day a white bear knocks on the door of the cottage, and offers to rescue the family from their poverty and misery. But he makes one condition – they must give him their beautiful daughter Helga.

Helga is played by **Helen Worth** and the Bear by **Martin Jarvis.** Directed by Alfred Bradley.
14th 1900 rep 15th 0100, 1200

The Grimm Tale of an Old Master

by Andrew Sachs

This fairy story for art-lovers has, inexplicably, never appeared in any of the great fairy tale collections...

Dutiful son, Jack, leaves poor but honest parents to seek fortune in the world and, after a shaky start, lands job of apprentice to Ottmar Daub, celebrated painter at the King's court. Add several beautiful maidens and an ogre who lives in the mountains and you have the makings of a classic fairy story, told, in traditional fashion, by **Andrew Sachs.**

Jack is played by **John McAndrew.** Directed by Glyn Dearman.
21st 1900 rep 22nd 0100, 1200

Treasure Island

by Robert Louis Stevenson

This classic story of piracy, plunder, treachery and murder is set in the 18th century. Young Jim Hawkins lives with his mother, who keeps an inn in a remote part of south-west England. When the old sea-captain Billy Bones, who lived at the inn, dies, Jim discovers a map in Bones' sea-chest.

It shows the spot where the notorious pirate Captain Flint buried his treasure. Jim joins an expedition with Dr Livesey and Squire Trelawney to find Treasure Island – but they are not the only ones who are after the pirate's hoard.

With **Crispin Gillbard** as Jim, **Rolf Lefebvre** as Dr Livesey, **William Fox** as Squire Trelawney and **Timothy West** as Long John Silver.

Adapted for radio by John Keir Cross and directed by Martin Jenkins.
28th 1830 rep 29th 0030, 1130

Stars of Something Unspoken – Siân Phillips *(top)* and Sheila Gish.

Something Unspoken

by Tennessee Williams

Miss Cornelia Scott is a wealthy and imperious spinster from the Southern States of the USA. She has shared her home for 15 years with a younger woman, Grace Lancaster, and in this play Tennessee Williams offers a sensitive and humorous insight into the emotional undercurrents that run beneath the surface of such a relationship. **Siân Phillips** plays the opinionated but lonely Cornelia Scott, while **Sheila Gish** is her paid companion, Grace Lancaster. The production is directed by Jane Dauncey.
22nd 1430 rep 23rd 1830, 24th 1030, 25th 0230

Short Story

The Death Man is the voice that can be heard laughing in the bedroom. But the sick man has a game to hold him at bay, at least for a while. Written by Roy S Wolper, from Philadelphia, USA *1st*

Festus is a Ghanaian, working as a labourer on a German building site. And every day his cold and lonely life is cheered by the warm smile of Lieselotte, the barmaid. **Number Six, Ernst Otte Strasse** is by John Coates in West Berlin *8th*

Long Hair and the Lord is set in a pilgrim centre in southern India, where an orthodox old lady and her westernised grandson try to bridge the generation gap over religion. It is by Uma Jayaraman who's a teacher in Madras *15th*

Fra Bottone leads a tranquil, respectable life as a priest in a small Italian village – until his housekeeper leaves. And the arrival of a new one turns his life upside down. **The Offering** is by Peter Henham who lives in Spain *22nd*

The Failure of Hope tells the story of a bright, well-qualified graduate unable to find work in Calcutta. Then an advertisement leads him to a very strange job interview. By Audrey Sen, a listener in India *29th*
Suns 1000 rep 2100, Tues (ex 24th) 0130, 27th 0315

Screen greats

Film Star

Author and film critic **Alexander Walker** presents portraits of two of the cinema's most famous stars.

Orson Welles

Welles began his career with what many consider to be the best film he ever made – *Citizen Kane.* Welles plays the part of an ageing newspaper tycoon, based on William Randolph Hearst, who builds a palace called Xanadu and puts into it his young wife. And although she has everything that money can buy, her boredom and loneliness echo plaintively around the vast rooms to haunt him.

Though it is Walker's opinion that Welles has never made a better film, his other roles conjure up a roll-call of stardom – Harry Lime in *The Third Man,* Mr Rochester in the 1943 version of *Jane Eyre,* Othello, and Cardinal Wolsey in *A Man For All Seasons.*
31st 1715 rep Jan 1st 0630, 1130

Mae West

One of the cinema's original sex goddesses was seen in films from the 1930s on, but her career began as far back as 1910 in vaudeville. When Alexander Walker met Mae West in 1960 at the age of 70, she had lost none of the charisma which had made her legendary.
Jan 2nd 1715 rep 3rd 0630, 1130

The Growing Pains of Adrian Mole

by Sue Townsend

Nicholas Barnes continues reading the thoughts and experiences of Adrian Mole, aged 15, as recorded in his diary.

1982 is a year of crisis: Adrian's mother is pregnant and his father's girlfriend has also given birth. Mole senior and his new family have moved in with Grandma and Adrian is trying to cheer along his abandoned and impecunious mother.

In addition, Adrian's old age pensioner friend, Bert, is in difficulties as his 75 year old 'girlfriend', Queenie, has had a stroke. The only silver lining in Adrian's dark cloud is his beloved Pandora, who, after a brief rift, has reconfirmed her love for him...
Mons 0430 rep 0815, Fris 2145

Kipps

by H.G. Wells

Kipps is behaving strangely for a young man who is supposed to be head-over-heels in love with his fiancée. She is Helen Walshingham, but a recent reunion with his childhood friend Ann Pornick – who has grown into a beauty – has sent him into such a spin that he escapes to London for a few days, to think things out.

Quite by chance, he meets up with Sid Pornick, brother of Ann, boyhood-friend turned bicycle-manufacturer. He is taken home by Sid, whose happy family life leaves Kipps feeling, for all his fortune, a little abject.
Suns (until 15th) 1430 rep Mons 1830, Tues 1030, Weds 0230

Frank Muir Goes Into...

Rivers and Lakes

With the help of Alfred Marks, Frank Muir dips into inland waters, their inhabitants and some of the people who have written and sung about them, including **Stan Freberg, E.L. Wisty** and **Bill Cosby** *11th*

The Sea

On a voyage of discovery they encounter **Frankie Howerd, Bernard Cribbins, The Crazy Gang** and **Bob Newhart** *18th*
Weds (11th, 18th) 1530 rep Thurs (12th, 19th) 0030, 1030

MUSIC

BBCWS IN DECEMBER

A superstar speaks

Bach's Christmas Oratorio

In broadcasting a complete performance of the oratorio, BBC World Service rounds off its celebrations of what has been a very special musical year. 1985 has seen the tercentenaries of the births of three of the greatest of all composers – Johann Sebastian Bach himself, Handel and Domenico Scarlatti. It has also been 400 years since the birth of Heinrich Schütz.

The oratorio consists of six self-contained cantatas, each lasting about 30 minutes, each reflecting a different aspect of the Christmas story. The first three are broadcast (once each) on Christmas Eve, the rest two days later. The performance, by soloists with the Lausanne Vocal Ensemble and the Lausanne Chamber Orchestra (which uses instruments of Bach's period) is directed by the Swiss conductor, Michel Corboz.
Part 1 *24th 1000;* **Part 2** *24th 1830;* **Part 3** *24th 2209;* **Part 4** *26th 0915,* **Part 5** *26th 1830,* **Part 6** *26th 2209*

The Selfish Giant

A musical version of the story by Oscar Wilde

The story has a universal theme – that of love and kindness winning through the inherent selfishness of man – or giants as the case may be!

This production, which won an international radio and television award in 1980, began life as an end-of-term show to which the producer, Alec Reid, was invited. He liked it and thought it would make an "interesting radio experience": he brought-in the professional singers – **Ian Wallace** and **Hilary Western** and guitarist **Eric Hill**, and with the help of other professional musicians, he re-created the school production for radio.

Ian Wallace, more usually heard on *My Music,* sings the part of the giant. Joining him are the children of St Barnabas and St Philip's Primary School, and the London Boy Singers, conducted by the headmaster Alan Dixon. Recitative:- Hilary Western, soloists:- **Nicholas Imison, Louise Marcel, Sara Olivier, Alexa Harris, Melina Carriere** and **Jacob Cunningham.**

Lyrics by Peter Rapsey. Music composed by Alan Dixon, arranged and conducted by Peter Hope and David Watts. Intermezzo for guitar arranged by Hector Quine and played by Eric Hill. Sound by Ted de Bono and Rob Bayly. Produced by Alec Reid.
25th 1900 rep 26th 1400, 27th 0100

Operatic Encounters

Conductor **Edward Downes** is an opera specialist. In these three programmes he looks back over his career and recalls some of the hair-raising and hilarious incidents he has experienced in opera houses all over Europe.

On Tour *2nd;* **Prompting** *9th;* **Oh Otello!** *16th*
Mons (until 16th) 0445 rep Tues 2100, Weds 1115

Sex and Violence and Opera

The drama of conflict, the entanglements of love – **Stephen Oliver** continues his series exploring how opera composers down the years have portrayed in music the more extreme of human experiences.

Tosca – Living for Love
Puccini's heroine, ready to kill for love *8th*

When I am Laid in Earth
Sexual love in opera, as in life, will sometimes end in tragedy *15th*

Helen of Troy
The ideal, and perhaps unreal woman, by composers from Offenbach to Trippett *22nd*

Stormy Weather
Operatic storms usually portend evil deeds on stage *29th*
Sats 0945 rep Mons 1630, 2115, Weds 0215

British singer/actor Sting.

From the Promenade Concerts

Mozart: Ah, lo Previdi, K272, with Yvonne Kenny (soprano); **Schubert:** Symphony No 5. Jane Glover conducts the London Mozart Players *1st*
Martinu: Sinfonia Concertante for Two Orchestras; **Robin Holloway:** Viola Concerto (BBC Commission), with Rivka Golani (viola). The BBC Scottish Symphony Orchestra is conducted by Vernon Handley *8th*
Mozart: Symphony No 34; **Barber:** Knoxville – Summer of 1915, with Yvonne Kenny (soprano). The London Mozart Players are conducted by Jane Glover *15th*
Dvořák: Symphony No 5. Vernon Handley conducts the BBC Scottish Symphony Orchestra *22nd*
Suns (until 22nd) 1515 rep Tues 2115

Beethoven and the Violin

Though Beethoven played the violin rather badly, he was generally regarded as being one of the outstanding virtuoso pianists of his day, especially during his early years in Vienna. The sonatas for violin and piano featured in this month's programmes were all written for Beethoven to perform with friends, and they include the famous Sonata No. 5 in F, the 'Spring' sonata, as well as several smaller pieces which seldom find a place in concert programmes today.
Mons (ex 23rd) 1330 rep Tues 0830, Fris 0230, 2330

Poets on Music

Poetry and music traditionally belong together. Poetry has been set to, inspired by and written in praise of music, whilst the sound of music itself has more than once been likened to poetry. In this series, **Graham Fawcett** talks to eight poets about their particular enthusiasm for music, and finds out to what extent it has affected the poetry they've written. He makes some surprising discoveries during the course of these conversations, not least concerning the diverse musical tastes of his guests, who this month include **Patricia Beer** and **Peter Porter.**
From 22nd Suns 0215 rep 2209, Mons 1445, Fris 0945

Concert Hall

Rossini arr. Respighi: La Boutique Fantasque. The National Philharmonic Orchestra is conducted by Richard Bonynge.
29th 1515 rep 31st 2115

Jazz Score

Some of the most famous names in British jazz display their knowledge and swap stories. Taking part in December are **Humphrey Lyttelton, Peter Clayton, George Melly, Ronnie Scott, Eddie Thompson, Benny Green, Acker Bilk, Alan Elsdon, John Barnes** and **Digby Fairweather.**
Suns 0330 rep Mons 1715, Weds (ex 25th) 1030

Sting

In this extended interview the singer **Sting** talks to **Mike Smith** about his career – the group Police which disbanded recently, his new jazz-influenced group, and his new venture into acting. And there is a chance to hear tracks from Sting's recent LP *The Dream of the Blue Turtles.*
21st 0815 rep 24th 1400, 26th 2115

Frank Sinatra: a Voice for All Seasons

In December 1915, Francis Albert Sinatra was born in the small New Jersey town of Hoboken to parents who were immigrants to the United States from Italy.

In a two-part celebration of Sinatra's 70th birthday, **Derek Jewell,** jazz and popular music critic, traces the life and music of the man who is arguably the greatest entertainer ever known in popular music. Jewell believes that Frank Sinatra's particular magic lies in the way his songs reflect not only his own turbulent life but the lives of millions of people throughout the Western world.

It is also his contention that Sinatra's music gains an extra dimension from the audience's knowledge of his much-publicised life style and especially his rise, fall and renaissance.
Part 1 – *23rd 1400 rep 1900, 24th 0100*
Part 2 – *26th 1900 rep 27th 1400, 28th 0100*

Juke Box Dury

After the success of his first series last year, singer Ian Dury makes a triumphant return to the airwaves.

As before, the records that Ian features reflect his very wide taste in music – ranging from jazz to pop, reggae to soul and country to ethnic – combined with his unique brand of humorous observations and anecdotes.
From 22nd Suns 0430 rep Thurs 1445, Fris 0730

Jerome Kern, American Genius

Jerome Kern was an undisputed musical genius, and indeed the father of the modern musical. He created the new form of musical theatre out of traditional Viennese operetta developing it into spectacle.

In this, Jerome Kern's centenary year, there has been a great revival of interest in his music, and these programmes follow a chronological pattern through his life. His shows and songs tell the story themselves, *Showboat, Music in the Air, Roberta, Swing Time, You Were Never Lovelier* and *Very Warm for May* featuring songs like *I've Told Every Little Star, All the Things Your Are, Ol' Man River, Lovely to Look At, Make Believe, The Folks who Live on the Hill* and *Smoke Gets in your Eyes.*

These are just a few of the musical numbers in the series performed by Irene Dunne, Allan Jones, Fred Astaire, Ginger Rogers, Barbra Streisand, Peggy Lee, Judy Garland, Bing Crosby and others. The series is introduced by **Derek Jewell** and features reminiscences from those that knew and worked with Kern – **Dorothy Fields, Richard Rodgers, Oscar Hammerstein, P.G. Wodehouse** and **J. Fred Coots.**
From 24th Weds (ex 24th) 1330 rep Thurs 1000, Fris 1830

Top Twenty

Paul Burnett continues to present his weekly look at Britain's charts. This is the most popular and most listened to chart show in the world and is enjoyed by millions of people in many different countries.

There is a great interest in the pop music that is current in Great Britain and the World Service *Top Twenty* aims to satisfy that interest.
Weds 1830 rep 2330, Thurs 1215

SATELLITE WATCH

by Loren Cox

"The Invasion of the Encryptors"

LIKE WINTER scrambling is icummin in. The only questions are exactly when, how pervasive it is going to be, and how accessible scrambled material is to be, and at what prices, for TVRO/RRO owners. Various scenarios, some of them most unhappy for those of us with TVRO/RROs, have been projected. A possibility is a rack full of decoders, one for each of the scrambled services, made available to TVRO/RRO users only at exorbitant rates (indeed, if made available at all). The "addressing" problem alone could be a technical nightmare.

The "premium" movie services (HBO, Cinemax, Showtime) have been threatening to institute scrambling for some time. The first two are already scrambling on a part time basis. Initially, the incentive to scramble was to thwart unscrupulous cable operators who use satellite transmitted services without payment to the providers of them. The back yard TVRO/RRO terminal has not been an economic threat to HBO et al, which, nonetheless, have experienced displeasure at the thought of persons viewing programming to which, as these service providers see it, they have no moral right of access. Since Oct. 29, 1984 it has been legal to own and operate a TVRO/RRO for one's own personal viewing/listening of any signals one can receive: this was a provision of the Cable Deregulation Act.[million]

There are an estimated 1.5 to 1.7^individually owned TVRO/RRO terminals in this country providing television and radio to more than 4 million people (are there that many regular shortwave listeners?) It is estimated that there are at least 8 million Americans who receive little or no television (and in some instances no radio) - not very satisfactorily at any rate - from ground stations. In short, via ground stations there is no truly national broadcasting service. Only by satellite can the entire nation be provided television and radio at all times and with a multiplicity of program choices.

And for those in areas better served - by ground television and radio stations and cable television systems - the channels of entertainment and information available to them can be augmented appreciably by satellite transmitted television and radio services. And those satellite services which are duplicated on local means of transmission (ground stations, cable) can often be received from satellite with better quality than local means of transmission provide. Many - probably most - TVRO/-RRO owners in cable served areas opt for their own receiving systems because of the poor service the cable company provides both in regard to picture quality and services offered. That is our situation here. I had spoken to the local cable company several times in regard to program services I would like to have, but I had to buy their package; couldn't pick and choose what I really wanted; and my favourite satellite channels they do not for the most part offer at all. And I hear CBS and ABC have the itch to encrypt, to "protect", they say, their affiliated stations. Evidently they do not wish to honour the responsibility they have to provide a truly national broadcasting service, there being many areas in which they have no viewable affiliates. At this QTH we get better CBS and ABC reception from Telstar 1 than from their local affiliates because of the ghosting problem with UHF signals. The direct network feed also makes available programming an affiliate may preempt. Of course, so far as I am concerned, 75% of the non-news profferings of the American commercial networks are worthless (that may be too generous), and even the "news packages" are of increasingly questionable value. As for the argument about "protecting affiliates", that really doesn't hold much water, as most of a commercial television station's revenue is derived from locally produced news shows - which TVRO/RRO users are likely to continue to watch - and syndicated programs. I do very much enjoy viewing/listening to the Networks' "raw" news feeds and other "closed circuit" material. Roving cameras and open microphones can pick up interesting things. A reporter keeps blowing it and has to keep "three, two, one"-ing (often with an explicative). The play-by-play men during time-outs or between innings express their real feelings about the ball game (or express those feelings more colourfully than they do for public consumption). Conversations between important people can be heard during "photo opportunity" sessions - and conversations among the reporters themselves as they await an happening. Now as much as I like this sort of thing I can understand the Networks' not wanting unedited materials to be seen and heard by the public: materials which are tantamount to a reporter's notes, so zealously guarded by journalistic interests. And they are concerned about legal problems. So I could not rationally oppose the scrambling of any

material not intended for public viewing. But on the other hand, I would suppose the old radio secrecy law would apply to "raw" news and "closed circuit" feeds as it does to any other point-to-point transmission (as distinct from a "broadcast"). So, though I see/hear the reporter's unedited story, I am still bound not to reveal its contents or to make any use of it. And a TV reporter cannot be held accountable for his "unpublished" story, which is essentially what it is until it appears on the "Evening News" - nor can the Network - so scrambling as a protection against possible legal action seems to me unnecessary. All scrambling in these instances will do is to deprive satellite watchers/listeners the fun of a little peek "behind the scenes" of TV news reporting and preparation. There is a bit of an elitist pleasure in seeing/hearing what most do not see/hear, or what we're really not supposed to see/hear. But, whatever the argument here, there is no legitimate reason for the commercial Networks to scramble their intended for broadcast feeds.

HORROR OF HORRORS there is even a story that the Public Broadcasting Service has plans to scramble. What scrambled brains could be behind such an absurdity as this? That our tax moneys should be used to make unwatchable to us the television broadcasting service that already belongs to us, the American Public? Of course, the commercial Networks really have no interest in serving other than the New York, Los Angeles and other major markets - regardless of their duty to serve all of the country, even those areas where they can be viewed only via TVRO/RRO terminals; but the raison d'être of PBS is to serve the educational, informational and cultural needs of the entire populace wherever they may be - an impossibility via ground stations alone. And some PBS programs are likely not to be carried by one's local PBS station (if there is one). That is certainly the case here, where I've encountered on satellite PBS programs I've never heard of. And reception is much better than on the two PBS stations in this market. But if Senator Goldwater has anything to do with it we can be assured PBS will never be scrambled: he is a champion of the TVRO/RRO industry and prefers PBS programming - unlike most conservatives he has been a supporter of PBS - over all others. And there are reports of another tax supported broadcast service - AFRTS-TV - experimenting with scrambling, though I have not observed it. Network pressure? Sure they aren't thrilled about our watching their programming via AFRTS sans commercials. And speaking of the taxpayers, whose moneys are primarily responsible for the existence of Clark Belt Satellites in the first place? They, and the RF spectrum space, are public resources.

I fear that the ramble to scramble may be spurred not because in most instances there is really anything to be accomplished by doing so but just because it can be done. And some vested interests think it will help them.

Unquestionably there are a number of corporate offices in the television and entertainment industries in which TVRO/RRO owners are seen as a bunch of cheats who are out to beat the pay-per-view programmers and the cable companies. "Why should I pay for what I can see for free by putting up my own receiving terminal?" And certainly that has been the motivation for some obtaining TVRO/RROs. And some dealers have so promoted them (I think unfortunately). But most, I think, have installed TVRO/RRO terminals for two primary reasons: In rural, remote locations: to receive television (and radio) services to which there is no other means of access; and in other areas: to receive a greater variety of programming services than would otherwise be available, and in a manner technically superior to cable and/or local ground stations' transmissions. In addition, with some, there is the old DXer's incentive to explore the skies just to find out what all is up there to be seen and heard: this can be coupled with the radio hobbyist's sheer fascination with the technology, THE BEST THE MIND OF MAN HATH YET DEVISED FOR THE TRANSMISSION OF SOUND AND PICTURES AT GLOBE SPANNING DISTANCES.

THE PROGRAM PROVIDERS who distribute by satellite merit appropriate compensation for their services: otherwise they won't be there. The institution of scrambling is to insure that they will receive that compensation from their viewers or not be seen at all. The reference here is to program providers whose only income is from viewer subscriptions which, with very few exceptions, have been available only through cable companies. The advertiser supported "Superstations" are another matter: advertising is there source of income. Why should they require any more of their viewers? It would be the same as your local commercial stations requiring subscriptions in order to be seen. Of course the "Superstations" have transponder fees, but isn't it worth it to them in order to have national distribution with the advertising rates that can command? It has been alleged that cable companies have threatened the "Superstations" (WGN, WOR, WPIX, etc.) with removal from their systems unless they scramble and are thus rendered viewable only to their customers. But what would the cable companies

have available with which to replace them? And would their customers tolerate it? Would the Cubs, Mets, etc. fans who are on cable tolerate it? It might even induce some of them to become crooks and install their own satellite receiving systems.

The mania to scramble, really, is just another instance of that two-headed monster that rides and spurs so much of mankind: Greed-and-Fear. The cable companies are in a state of raw unmitigated knee-jerk terror of this new technology for the distribution of television and radio signals that is so superior to their own. Am sure, if it was possible to do it, they would ban the sales of videotapes and videodiscs. They want PROTECTION; they want what so many preachers of "free-enterprise" in this country have always wanted: MONOPOLY. "If you watch TV at all you've GOT to watch us and at whatever price we deem fit." They do have an enormous investment in their antequated systems, and the financial health of many cable operations is not good. The local cable system, as I understand it, has yet to show a profit; and I would say that virtually everyone in this town who is interested in and can afford cable has it. And has cable anywhere ever delivered all of those glowing promises that were made for it? No.

Cable is 19th Century technology. Broadcasting by cable pre-dates radio itself. In the 1890s, in Budapest, there was all day broadcasting by means of telephone to a large number of households. Cable television began in the early 1950s as a means of providing television reception to communities that were generally out of the range of ground stations due to terrain or distance. By constructing large receiving antenna arrays and with amplification it was possible to produce watchable (if not really good) television for these communities, which was distributed to subscribers by means of cable. The programming cost these cable companies absolutely nothing: whatever they could pick up they could sell to their customers. In those days it was the cable companies that faced the charge of "piracy" - the charge they level today at TVRO/RRO owners.

The advent of satellite as a means of distributing television signals made possible a whole new source of programming for cable companies - including the choice "pay-per-view" movie channels - which was intended only for for cable companies to pick up and send out to their customers. The idea of individuals picking these satellite transmissions with their own receiving terminals just was not considered. The expense and complexity of the required equipment simply precluded any possibility of such an occurrence. But those signals emanating from up there posed a challenge which some electronics experimenters just couldn't resist; one of the first and best known was Bob Cooper, "the father of home satellite TV", who fabricated his first system about 10 years ago. He and others demonstrated the feasibility of the back-yard TVRO/RRO terminal. That, coupled with some considerable technological breakthroughs, resulted in a burgeoning new industry - the manufacturing and selling of home TVRO/RRO terminals - and a proliferation of them in private hands in numbers no one in television broadcasting and programming and cable system operations could have anticipated. Many, probably most, in the "business end" of broadcasting don't know what it is all about, the possibilities for them, or don't care, being in the grips of a totally negative idée fixe.

THERE IS A BIT OF IRONY in that the cable companies, once the primary factor in some programmers who distribute by satellite determining the need to scramble, are now the moving force behind the movement to scramble virtually everything in sight. Their attitude toward the commercial "Superstations" and any satellite video service is the old "You need us more than we need you" bit, which, in the short term, may be true on the assumption there is programming readily available equally saleable to cable customers. And I would doubt that. Services considering scrambling should give the matter the second thoughts it deserves. Don't be stampeded by the cable companies' fear and greed (or your own). The home TVRO terminal is not going to disappear. Indeed it can and should become the predominant means of television reception in this country, being, at least for the rest of the 20th Century, technologically superior to any other. And that is by no means to deny cable its place, for there are many situations in which it is the most practicable means of receiving television. But it is absurd (perhaps even illegal) to force broadcasting by satellite into a mould totally of the cable industry's making and for the benefit of no one but themselves. The battle is not a new one: technological advance, fully exploiting that technology for the benefit of all of us, versus the narrow interests of "protected" enterprise.

I am opposed to scrambling on technical grounds: the more signal processing that occurs, the more opportunities there are for picture degredation; just bugs me to see video of pristine quality purposely screwed up. And yet a means must be devised whereby programmers, whose only income is from subscriptions to their services, re-

ceive their just and merited income. But there are means other than encryption, I think, whereby this may be accomplished. The simplest solution, though perhaps a not wholly workable one, would be a nominal tax on all TVRO/RRO installations, say $50 per annum, with these moneys distributed to the programmers. With the encouragement a non-scrambling solution would provide for this problem a considerable impetus would be given to the TVRO/RRO market, resulting in the increase in their numbers to such an extent that such tax derived revenues would be very considerable indeed. All broadcasters by satellite could share in this pool, though an equitable arrangement would have to be worked out taking into account those services that have commercial sponsorship and those that do not, i.e. their different income requirements from such a pool based upon this difference. This tax would be in the form of an annually renewable license fee. Such a plan would insure TVRO/RRO owners access, albeit not quite free, to all programming that is distributed by satellite. It could be administered by a board consisting of the broadcasters themselves. But such an arrangement would not be, I take it, "cable friendly".

AS FAR AS PIRACY is concerned, the cable companies themselves haven't gotten their act together, there being considerable purloinment of pay-per-view scrambled services on cable by means of illicit devices. On more than one occasion, while engaged in the electronic parts business in Southeastern Kentucky, I was approached by customers asking "Hev yew got wunna them HBO boxes?" HBO and similar services are, I suspect, losing much more revenue due to theft from cable of their programming than from possible losses due to TVRO interception of their satellite feeds.

IN AN EFFORT TO INTRODUCE some semblance of order or sanity in this hellish itch to encrypt, three Bills have been introduced in Washington, one in the Senate and two in the House. S1618 and HR1840 call for the right of TVRO/RRO access to encrypted programming "at reasonable rates". Of course the "at reasonable rates" is a red flag to the bull to the cable companies and the "premium" programmers who wish to abide by the American tradition of "charge what the traffic will bear". Another Bill, HR1769, calls for a two year moratorium on any scrambling, during which time some reasonable, workable and fair approach to the handling of the matter can presumably be worked out. Given my pessimistic nature, and despite some strong friends of the TVRO industry in the House and Senate, I don't expect these bills to go much of anyplace. There will be hearings, but that looks like about all the TVRO industry is going to get. I think SPACE, the TVRO industry organization, has already conceded too much anyway. So what is to happen? The ramble to scramble, generally uncoordinated among the broadcasters, will proceed apace in the next year or so, with little consideration of the wisdom, in the long run, of doing so. The effect of this on the cable companies? Their revenues will show no significant increase, will probably not be improved even marginally. The programmers, depending on the saleability of a subscription plan they may offer to the TVRO/RRO owner, could realize some increase in income. The only big financial winners when the general scrambling of most present broadcasting services distributed by satellite is accomplished will be the manufacturers of encrypting/decrypting devices.

BUT DON'T DESPAIR, TVRO/RRO OWNERS. Maybe some of the present commercial broadcasters won't be intimidated into scrambling. Maybe the Networks can be brought to see their responsibility to permit themselves to be seen in all parts of the nation regardless of population density. And with all of the transponders up there just waiting for users, new people with new programming concepts, primarily for the TVRO/RRO user, will be coming along, the TVRO industry itself being behind some of them (as Powel Crosley many years ago had to go into broadcasting himself in order to enhance the market for his radios). For myself, so long as the CBC-TV services that are unscrambled stay that way, and the Nostalgia Channel, and maybe a few others so remain, and they leave those "raw" news feeds, etc. alone, I won't be too unhappy. Besides TVRO/RRO at this QTH is used for a considerable part of the time as a very high quality device of the latter sort. CBC Radio may run out of money, but at least the cable companies can't force the scrambling of Lister Sinclair!

THE MOST RECENT SPACELAB exercise was covered in its entirety by the NASA Contract Channel (guess they'll scramble that too), now on Satcom F2/13. Also seen on Westar 5/21. Video from the Spacecraft only was on Satcom F2/2, but with a strange flicker. Was running at 50 instead of 60 Hz? had something to do with the German involvement?

FROM Microwave Systems News & Communications Technology: Westar VI-S Approved for Orbiting. Western Union received permission from the Federal Communications Commission to proceed with the launch and operation of its Westar VI-S communications satellite. / Westar VI-S is scheduled for launch by NASA on March 6, 1986, from space shuttle Columbia. It will be positioned at 91 degrees west longitude, where Westar

III is currently located. Westar III will be moved to 79 degrees west longitude ((placing it between Galaxy II and Satcom #4)). / In response to a need for improved delivery of program and information services to the Caribbean Basin, Central America, and the northern part of South America, the new satellite is designed to transmit a higher-power signal in those areas on six of its 24 transponders (while simultaneously covering the United States on those same transponders). / ...The enhanced Caribbean coverage mode will allow users in that area to employ smaller, less expensive receiving antennas. ((lc: All C-Band receiving antennas are the same size; it's the parabolic reflector that varies in size.)) / The new Western Union satellite will have several improved operating characteristics, as compared to the Westar satellites now in orbit. These include greater downlink power, TWTA redundancy, and improved filter parameters. (15/11, Oct '85)

Is Wold Communications to scramble? Possible to catch a number of syndicated programs via Wold facilities. And it looks like I can get a little baseball fix for the rest of the Autumn and Winter. A Puerto Rican League game observed in beautiful colour this past Sunday (11/10) on Spacenet 1/16.

POSTSCRIPT: WE THE PEOPLE of the United States of America cannot be denied access to any wireless transmission. But in regard to any non-"broadcast" transmission we must abide by the radio secrecy law. We cannot be denied the right to view/listen to any wireless transmission since the radio spectrum is OURS, not the property of the broadcasters and other users of it, whose continued use of it can only be at the pleasure of WE THE PEOPLE. Only wireless transmissions by law enforcement agencies - in connection with their duty to protect the public - and the military and other governmental agencies - in connection with national security considerations - have a right to render wireless transmissions unintelligible to us. Broadcasting services whose only interest is in serving the cable industry ought (should be required?) to have non-wireless means of making their material available to cable companies. The development of fibre-optics technology might provide a practical means of doing this without undue expense (the current system of ground microwave links, I understand, will be replaced by fibre-optic systems - which will solve the TI problem in C-band satellite reception). Fibre-optics is the future of all non-wireless transmission.

gh: an article in a recent satellite TV magazine fantasizes(?) that HBO could be dissuaded from scrambling by having its transmissions jammed, making it scrambled for everyone, from a virtually impossible-to-detect unknown uplink site. This example would have lasting impact on other would-be scramblers.

The Associated Press

OMAHA, Neb. — Creighton University students tired of *Dynasty*, *Dallas* and Dan Rather can switch to "Mutual of Moscow," "Good Morning Siberia" and "Roosky and Hutch."

Those are the fanciful names given to real Russian programs shown on the university's satellite television network.

Any day of the year, around the clock, students at this private Jesuit school can turn on their television sets and tune in programs from the Soviet Union, Mexico City or French-speaking Canada.

"We are bringing the world to Nebraska," said the Rev. Lee Lubbers, a sculpture professor who turned the university on to Soviet television.

Lubbers, 57, bought his first two satellite antennae at an Omaha trade show in 1981 and installed them on the roof of his sculpture studio. He has added more than 15 dishes and expanded the campus-wide network to 21 channels.

Lubber's Russian connection began in 1982 when he read about the Soviet Union's four Molniya communications satellites. One cold November day, he climbed a storage shed on campus and tried to pick up a signal by hand-cranking a primitive antenna. Within minutes, he found what was he was looking for.

"It was really quite thrilling to find something so far away," said Lubbers, who now tracks the Soviet satellites with his Apple computer.

Nothing fascinates Creighton viewers as much as the programs on the Russian network that broadcasts to the remote eastern half of the Soviet Union.

Regular offerings include an early morning exercise show featuring a mannequin-like couple, a foreign-language instructional program, an outdoors show similar to *Wild Kingdom*, and newscasts laden with close-up shots of buildings and tractors.

The Russian network offers a wide range of classical music, children's shows and science programs, but American-style situation comedies, variety shows and dramatic series are missing.

Lubbers said the most striking aspect of Soviet television is its often-unsuccessful attempt to ape Western style.

"They try hard to loosen up, but sometimes they're so rigid it's pathetic," he said.

He said that he isn't crazy about Russian cartoons either, but that the Soviets excel in some areas.

"They had a great series on radio astronomy and some of their nature and musical programs are wonderful," he said.

Since starting the satellite network at Creighton, Lubbers has spread the word about international television through an organization known as Satellite Communications for Learning Worldwide.

The organization, which has nearly 700 members, is designed to help colleges and high schools use satellite TV in their classrooms. Some language specialists regard satellite television as an invaluable learning tool.

"It gives you a lot of para-verbal information like gestures and inflections that you can't learn in a book," said Robert Thompson, director of the language lab at the University of Wisconsin at La Crosse and a member of the satellite organization.

The Slavic languages department of Stanford University in California also tunes into broadcasts from the Soviet Union.

[LEFT:] STUDENTS TUNE IN TO THE WORLD--Satellites bring Russian, Mexican TV to U.S. campuses (Times-Union, Rochester NY, Aug. 15, 1985, via B. Ewell Jennings, Rochester NY)

1986 WRTH SPECIAL CANADIAN DISCOUNT OFFER Once again the Candian International DX Club is offering (in Canada only) the 1986 World Radio TV Handbook at a special pre-publication discount price. The 1986 WRTH has a Canadian list of over $28. Advance orders to CIDX HQ will now be accepted for the books at the following rates: $24 each, ppd., or $28 ea. SPECIAL DELIVERY ppd. This offer valid ONLY for books shipped to a Canadian address. Money orders or cheques payable to CIDX, #12, 1411 Millwoods Rd E., Edmonton Alta T6L 4T3.

[Americans: see page 6!]

REVIEW OF
INTERNATIONAL
BROADCASTING

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